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Lincoln, Neb.

Friskwold Seed Co



NINETEEN-TWELVE SEED BOOK
LINCOLN NEBRASKA

1891 - 1912



TWENTY SECOND ANNUAL CATALOG



NOTICE

TESTED SEED. For several years past we have tested all garden, field and grass seed. We have a large tester built according to the plans approved by the Government Department of Agriculture. The value of tested seed to the buyer cannot be over-estimated. It is an assurance to you that the seed is full of vigorous life and vitality, and that if you plant under proper conditions and follow our instructions, you will not be disappointed.

ERRORS. We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

OUR TERMS are cash with order. We cannot ship C. O. D. unless you remit at least one-half the amount of the order. It always costs you extra for goods to come that way. We will take your personal check if you add 15 cents for exchange, but will hold order till banks report checks paid. Better send us Draft, Money Order, or Registered Letter. We always refund your money if we cannot fill order.

MARRIED WOMEN will save confusion in correspondence by always using husband's initials.

YOUR ORDER is acknowledged the day it is received, and filled just as soon as possible.

HOW WE SHIP. All heavy stuff is sent by freight at your expense, unless otherwise instructed. We send you duplicate bill of lading, showing date, number of bags sent, and route. All plants and perishable stuff are sent only by express at your expense, unless quoted "prepaid," in which case we send by mail or prepaid express and notify you.

FREIGHT RATES. Seed takes a low rate. Write us for rates to your station.

SAFE ARRIVAL. We guarantee all goods to arrive safely and will refund you for any loss providing you have Agent make notation of such loss on expense bill and return it to us. This applies on Potatoes if time of shipment is left to our judgment.

We also guarantee all seed that we send out at catalog prices to be carefully selected, and tested. We are always pleased to make good any mistake, but all complaints must be made within 15 days from receipt of goods. On account of weather conditions, etc., we cannot guarantee the crop. You can have the Experimental Station test any of our seed and if not satisfactory we will take them back and refund to you.

OUR RESPONSIBILITY. We have been in business here for 20 years. We would be pleased to have you write (enclosing stamp) any bank or business firm here in Lincoln as to our standing.

GRISWOLD SEED COMPANY

LINCOLN — NEBRASKA



ALFALFA

Alfalfa has been grown with success in every state and territory in the Union, from Maine to Mexico and from California to Florida. It is the best hay and soiling crop in the West. In the South it has been widely recommended as a valuable addition to the list of forage grasses and clovers. In the middle and Eastern states it promises to become a rival of the better known and more widely grown red clover.

ALFALFA IS A DEEP FEEDER. The tap roots descend to great depths wherever the soil is loose and permeable, often averaging 10 to 12 feet. It has been recorded as sending its roots to the depth of 50 feet.

ALFALFA HAY is a substitute for such substances as wheat bran and cotton-seed meal, usually purchased by the farmer to mix with corn fodder or timothy hay, and since it can be grown on the farm there is a great saving in the actual cost of producing beef, pork and mutton. Alfalfa hay can be fed profitably to all kinds of farm stock.

SUITABLE SOIL. Alfalfa makes a strong and rapid growth on well drained, rather heavy land, which is supplied with some lime, and where the subsoil, while not necessarily sand or gravel, is

porous. On sandy soil the growth is vigorous, when moisture is abundant, but during drought it will suffer unless the roots reach water at a depth of 8 to 10 feet. The land should slope some, as alfalfa will not stand surface water.

SEED BED. The land must be free from weeds and the ground must be thoroughly pulverized and well packed. Alfalfa will frequently fail if seeded on freshly plowed ground. If it is necessary to plow the ground before seeding, do it early, harrow thoroughly and sow after a good rain has settled it.

SPRING SEEDING. Sow seed broadcast or with drill from March to June 15, at the rate of 20 pounds to the acre.

FALL SEEDING. Disk oat and wheat land as soon as the crop is cut, and then harrow or disk every 10 days until a suitable time for sowing before the 15th of September when you can sow as above. This repeated cultivation kills all weeds. Cut for hay the next fall. This is the best time to sow for all except northern states, if you are sure of getting fall rains soon enough.

TURKESTAN ALFALFA. This is the same variety as the common alfalfa, but has been grown for years in the mountains of Turkestan, Asia, in a region where there is very small rainfall and with hot, dry summers, and dry, cold winters. A plant developed under such conditions could not be otherwise than hardy and strongly drought-resistant, and such has proved to be the case.

Our Government Tested Seed

We are very particular with all our alfalfa seed and take no chances. We have every car of it tested by the U. S. Department of Agriculture. We will not sell alfalfa unless it is free from Trefoil, Sweet Clover, and Dodder. Last year we bought 19 cars of alfalfa and not one of them tested less than 98% pure and most of them tested over 99% pure alfalfa seed. Seed is too high for you to take any chances. Buy our Fancy Seed from us and have it tested. We take it back if it doesn't test right. Buy it early for the price will be higher.

PRICES

FANCY SEED. Per lb., postpaid, 40c. By freight, per lb., 25c; 20 lbs. (for 1 acre), \$3.50; per bu. (60 lbs.), \$10.00.

TURKESTAN SEED. Per lb., postpaid, 40c.

THE BOOK OF ALFALFA

History, Cultivation and Merits. Its Use as a Forage and Fertilizer. The appearance of the Hon. F. D. Coburn's little book on Alfalfa a few years ago has been a profit revelation to thousands of farmers throughout the country and the increasing demand for still more information on the subject has induced the author to prepare the present volume which is, by far, the most authoritative, complete and valuable work on this forage crop published anywhere. 336 pages 6½x9 inches. Price, cloth, postpaid, \$2.00.

By freight, per lb., 25c; 20 lbs. (for 1 acre), \$4.00; per bu., (60 lbs.), \$11.00.

Prices subject to change. Lowest prices quoted on large lots.

INOCULATION... Inoculation of the soil is often necessary in regions where alfalfa is not commonly grown. Farmogerm is the best artificial culture. See page 3.



Price \$1.75

For wheelbarrow seeders and other seeders seed page 76.

TO KILL GOPHERS
Use Gophergo. See page 71.

FARM GRASSES OF THE UNITED STATES OF AMERICA

By William Jasper Spillman. Agrostologist of the United States Department of Agriculture. A practical treatise on the grass crop, seeding and management of the meadows and pastures, description of the best varieties, the seed and its impurities, grasses for special conditions, lawns and lawn grasses, etc. In preparing this volume the author's object has been to present, in connected form, the main facts concerning the grasses grown on American farms. Every phase of the subject is viewed from the farmer's standpoint. Illustrated. 248 pages, 5x7 inches. Cloth, postpaid, \$1.00.

Sow 20 lbs. to Acre

SWEET CLOVER

60 lbs. to Bushel

**TURNS SAND INTO LOAM. FILLS THE SOIL WITH NITROGEN.
IT WILL REDEEM THE WESTERN SAND HILLS.**



This valuable forage plant, though once branded as a weed, is proving to be most valuable for our western semi-arid region. After two years the plant dies and the large roots decay, filling the soil with humus and vegetable fiber. This, in time, turns the sandy soil into a sandy loam which also has a tendency to make the soil more stable and less liable to blow. This seed can be sown in the spring or in the fall. It makes a large growth the first year and blooms and makes seed the second year and then dies. If cut just before the seed is matured, two years in succession the plant dies out entirely. Many farmers in western Nebraska are now sowing their ground to Sweet Clover and the second year after cutting the crop, just before seeding, will sow it to Alfalfa. In this way they hold the soil from blowing and get their land seeded to Alfalfa.

Many farmers claim that the forage from this plant is just as good as Alfalfa and just as readily eaten by the stock after they have become accustomed to it. If cut for hay, it should be cut when about two feet high and before the stem is woody. It will not grow in cultivated land nor will it become a nuisance. It is most valuable for bees.

Price, 35c per lb., postpaid. By freight, 25c per lb., 5 lbs. for \$1.10, 10 lbs., for \$2.00. \$11.00 per bu.

Other Clovers

60 lbs. to bu.

Our Clover Seeds are of the Highest Grade and Thoroughly Clean and Tested

Every farmer should have some land sowed in clover. It is of the greatest value for plowing under for supplying humus and nitrogen.

MEDIUM RED, COMMON OR JUNE CLOVER.

This is by far the most important of all the varieties for hay or pasture. Sow in Spring or Fall, and if no other grasses are used, at the rate of 8 to 12 pounds per acre. This clover is a biennial, and at best only lasts three years unless it is allowed to reseed itself, which should be done every two years. Fancy, per lb., 45c; postpaid. By freight, per lb., 35c; per bu. (60 lbs.), \$15.85.

MAMMOTH RED, SAPLIN OR VINE CLOVER.

Quite distinct from common Red Clover. It lasts longer and is two or three weeks later than the Common Red Clover, grows from 3 to 5 feet high and yields an enormous amount to the acre, especially valuable for hog feed and for plowing under green on worn out lands. Sow 12 lbs. seed to acre. Per lb., 40c, postpaid. By freight, 30c per lb.; per bu. (60 lbs.), \$16.50.

WHITE DUTCH CLOVER. Best adapted to moist soils, but does well on any land. Sow 8 lbs. to acre. Per lb., 55c; postpaid. By freight, 1 lb., 45c; 5 lbs., \$2.15; 10 lbs., \$4.00.

ALSIKE OR SWEDISH CLOVER. One of the hardest of all clovers. This clover is very nutritious, yields abundantly and can be cut several times during the season. It is good for pasture, green fodder or hay. The roots do not heave like those of Red Clover and for this reason it is especially adapted for wet, moist places. It does well on most any soil and resists the severest cold and extremes of drought and wet. We advise farmers to sow 2 or 3 pounds of this seed with their Red Clover and Timothy. If alone, sow 8 lbs. to the acre. Price per lb., 40c, postpaid. By freight, 30c per lb.; bu. (60 lbs.), \$13.00.

ALL PRICES ON THIS PAGE SUBJECT TO CHANGE



Sand or Winter Vetch

Sow 30 lbs.
to Acre

Makes from 10 to 15 tons Green Fodder
to acre. Grows anywhere.

60 lbs. to
Bushel

In sections of the country where the soil is very sandy, and one extreme of temperature follows another, farmers have been looking for a forage crop which will furnish pasture for a longer period of time than the wild grass. In a number of places, Sand Vetches have been tried with good success.

The plant somewhat resembles a pea vine. The long, slender stems are thickly covered with leaves which make nice succulent feed.

When sown in August or September, Sand Vetch will cover the ground before Winter and will remain green during the cold weather. Thus it will furnish green feed in the late Autumn after the grasses have all died, and in the early Spring before they have started. When there is no snow, Vetch can be pastured all winter.

If sown in the spring with Rye or Oats as a support for the vines, Vetch will make from 10 to 15 tons of green fodder or 3 to 4 tons of cured hay per acre. Sand Vetch will thrive on soil so light and sandy that no other crop will live. The fibrous tap root reaches down to a depth of 2 or 3 feet and will get moisture. Fall sown Vetch keeps the soil from washing during the Winter and early Spring and thus saves a great deal of the soluble mineral fertilizer which is in the soil. If plowed under it enriches the soil in the same way that Clover does, and is much cheaper than commercial fertilizer.

We believe Vetches will prove very valuable for Western Nebraska and Eastern Colorado.

Prices. Per lb., 30c; postpaid. By freight, per lb., 20c; 30 lbs. (for 1 acre), \$3.75; per bu., \$7.25. Prices subject to change.

1,000 LBS. OF NITRATE PER ACRE PRODUCED BY

Trade

FARMOGERM

HIGH-BRED NITROGEN GATHERING BACTERIA
SEED AND SOIL INOCULATIONS.

Mark

GARDEN PEAS, BEANS AND SWEET PEAS

yield earlier, better and longer when they are inoculated with Farmogerm. Truckers and gardeners throughout the entire country unconditionally recommend Farmogerm as the greatest discovery of the age. It will save the greater part of your fertilizer bill, and we strongly recommend it to all our customers.



Alfalfa, Cow Peas, Soy Beans, Clovers

to Reduce

Fertilizer Expense

These wonderful forage crops not only yield an enormous amount of forage, but at the same time add valuable amounts of nitrates to your soil. To accomplish this purpose, they must be inoculated with Farmogerm inoculations. Farmogerm comes to you in bottles ready for use. You can inoculate the seed for ten acres in ten minutes. When you use Farmogerm there is no danger of transferring weed seeds, etc., throughout your farm. We strongly recommend these inoculations to all our customers.

NITRATE SACKS ON ROOT OF COW PEA

PRICES

5 ACRE SIZE BOTTLE \$9.00

1 ACRE SIZE BOTTLE \$2.00

GARDEN SIZE 50c

Sow 20 lbs.
per acre

BROMUS INERMIS

14 lbs. to
bu.

Grows in Dry, Semi-Arid Regions. Very Resistant to Drought and Freezing. Lengthens Season of Green Pasture.



Nebraska Experiment Station says: This is one of the principal grasses grown in the dry and semi-arid regions of Russia and Siberia, furnishing pasture in districts having an annual rainfall of only twelve to fifteen inches; hence it is naturally adapted to a dry climate. The grass is very resistant to the drought of summer and the cold and freezing of winter.

A valuable characteristic is its habit of starting growth very early in the spring, and continuing growth until late in the fall.

Brome grass spreads by means of underground rootstalks, thus making a thick, tough sod, well adapted to withstand the trampling of stock. As a hay crop, the grass usually furnishes good cuttings for two or three years, sometimes cutting three tons of cured hay per acre, after which the sod becomes so root-bound by the thick interlacing of the underground stems that the grass does not make tall enough growth for a heavy cutting of hay (this can be overcome by disking) but will furnish the best of pasture for several years thereafter.

THE LAND. Brome grass probably does its best on a good black loam with plenty of moist-

ure, but it will succeed in a greater variety of soils and dryer situations than any other cultivated grass we know of.

PREPARATION OF LAND. The soil should always be in fine tilth and well packed. For spring sowing, a piece of fall plowing is most easily prepared and furnishes an almost ideal seed bed. If the land is plowed just preceding the sowing, it should be thoroughly worked down with disk and smoothing harrow until a fine, firm seed bed is made.

SOWING THE SEED. Sow at least 20 pounds of seed broadcast per acre, or better, use wheelbarrow seeder, page 76. Sow the grass alone. Cover the seed by harrowing twice with smoothing harrow. You can also disk it in. If sown in the spring, the earlier the better, provided the soil is in fit condition to work. It may be necessary to clip the weeds several times the first summer. Do not be discouraged in case you should get a thin stand as the grass will thicken rapidly after the first season.

FALL SOWING. Fall sowing has some advantages over spring sowing whenever there is moisture enough to insure a good start for the young grass. Sow 20 lbs. to the acre before September 15th, disk in on wheat or oat stubble; in this way one gets almost full use of the grass next year.

Prices, Fancy Grade or Pure Seed. Per lb., 30c; 5 lbs., \$1.20; postpaid. By freight, per lb., 20c; per bu. (14 lbs.), \$1.80; 5 bu. lots, per bu., \$1.70; 100 lb. lots, per 100 lbs., \$11.00.

Write for prices on larger lots.

GRASS MIXTURES

All Made from the Best Grade Seeds

MIXTURE FOR HOG PASTURE. This will be considered very heavy seeding and expensive, but if you have a hog pasture for keeps, you cannot afford to skimp on seed or limit the varieties. Alfalfa, Mammoth Clover, Red Clover, Alsike Clover, White Clover, Timothy, Blue Grass, Orchard Grass, Meadow Fescue. 25 lbs., per acre for \$8.25; per 100 lbs., \$31.00. Write for prices in larger lots.

UNIVERSITY GRASS MIXTURE. This is a special mixture recommended by the University Experiment Station as the best for pasture. We mix it in the right proportion and use only

the very best grade of seed. Brome Grass, Meadow Fescue, Orchard Grass, Alfalfa. 2½ lbs. per acre, \$6.00; per 100 lbs., \$23.00.

MIXTURE FOR HIGH LAND. Good for pasture and hay. Brome Grass, Meadow Fescue, Orchard Grass, Timothy, Alfalfa and Red Clover mixed in proper proportions. 20 lbs. per acre. \$5.00; per 100 lbs., \$24.25.

MIXTURE FOR LOW DAMP SOIL. Can be cut for hay but better for pasture. Kentucky Blue Grass, Red Top, Meadow Fescue, Alsike Clover, English Rye Grass and Timothy. 20 lbs. per acre, \$4.50; per 100 lbs., \$21.25.

GRISWOLD'S "READY QUICK" HOG PASTURE MIXTURE

The last two or three years, and especially the last year, we have had a big demand for a Hog Pasture Mixture that would not only produce a large tonnage of green feed but one that would come on quick and be ready in a hurry.

To fill this demand we have made our "Ready Quick" Hog Pasture Mixture. It is especially good for hogs but equally desirable for cattle, sheep, calves and cows. It contains 14 different grains and forage plant seeds, practically all of which grow again if fed down.

Griswold's "Ready Quick" Hog Pasture Mixture can be sown early and be ready to pasture in 6 or 8 weeks and should be in the finest kind of condition in July or August, just when your other pastures are dried up. It can also be sown in July or August and used as a fall pasture.

This Mixture should easily produce 15 tons of green fodder per acre during the season, and to have this come just at a time when you have nothing else to feed your stock will be highly appreciated.

We recommend sowing 50 lbs. to the acre, and if your ground is very rich and strong we would say sow 75 to 100 lbs. and by all means keep it fed down, as the stock eat it better when it is young and tender. Be sure and give this valuable Mixture at least a small trial as you cannot possibly make any mistake by sowing it.

50 lbs. (for one acre), \$2.25; 100 lbs., \$4.00; 500 lb. lots or over, \$3.85 per 100 lbs. In less than 50 lb. lots, 5c per lb., or 15c per lb., postpaid.

BROADCAST SEEDERS, See Page 76.

ALL PRICES QUOTED ABOVE SUBJECT TO CHANGE

Sow 21
to 28 lbs.
per acre.

MEADOW FESCUE OR ENGLISH BLUE GRASS

14 lbs. to
bushel.

Hardy and very valuable for seed and pasture. Starts early in the spring and lasts until November and December. Just the grass for permanent pasture or meadow

Meadow Fescue has come much into favor the last few years owing to its hardy growth.

Soil. It thrives best on the richest and heaviest soils, although it is found principally on the slopes and uplands. On moist or wettest spots (not too wet) and on gumbo land the plant flourishes wonderfully, yields the heaviest and holds on more tenaciously than anywhere else.

For Pasture. In suitable soil and under normal weather conditions as to moisture, it grows luxuriantly, the blades being broad, tender and nutritious, and springs up quickly after cropping. It starts early



in the spring, affording most excellent picking by March 20 or 30, and in the fall will frequently keep cattle fat until late in November.

For Hay. Meadow Fescue should be cut soon after the blooms fall.

Preparing the Ground. The ground should be plowed several weeks or months before seeding time, and cultivated at intervals to clear it of weeds. The seed bed should be finished with a level, mellow surface, but with a rather compact subsurface, in order that the seed may be evenly covered and come in close contact with the moist soil. The seed should not be covered more than an inch to an inch and a half deep.

Wheat or oat stubble disked soon after harvest and disked and harrowed at intervals until September 1, makes a good seed bed for fall sowing.

Seeding. Sow broadcast, 21 to 28 pounds of seed per acre on a well prepared bed, and harrow once lightly to cover the seed. Plant good, clean seed. The best seed is the cheapest to buy.

Cheat looks very much like Meadow Fescue. If you buy from us you are sure of getting the pure seed.

Very short crop. Prices: By mail, 40c per lb. By freight, 30c per lb.; \$5.50 per bu. Write for prices on larger lots, stating amount you wish.

FANCY CLEAN GRASS SEEDS FOR ALL SOILS

CANADA BLUE GRASS. This is the blue grass of Canada, New York and the New England States. It does better on poor, clayey, thin soils than on rich land. It is smaller, grows closer to the ground and stands cold and drought better than Kentucky Blue Grass. Has a very blue color and flatish stems. Very nutritive and really a valuable grass. Not desirable for lawns. Per lb., 35c; postpaid. By freight, per lb., 25c; per bu. (14 lbs.), \$3.00.

KENTUCKY BLUE GRASS. This valuable grass is very productive, usually early and very desirable as a pasture grass. It comes in the spring and with a few rains during the summer will make good pasture until late fall. It is surprising how well this grass does in the West, even during the dry season. It is very desirable for lawns. Price, per lb., 50c; postpaid. By freight, per lb., 40c; per bu. (14 lbs.), \$5.00.

RED TOP. Valuable either for mixing in hay or permanent pasture grass. Succeeds almost everywhere but does best in moist, rich soil. It is being sown with Alsike in western Nebraska, with a great deal of satisfaction. It is often sown with Timothy and Clover. Price, fancy hulled, 30c per lb.; postpaid. By freight, per lb., 25c; per bu., \$3.00. Fancy unhulled, per lb., 25c; postpaid. By freight, per lb., 15c; per bu. (14 lbs.), \$1.60.

ENGLISH OR PERENNIAL RYE GRASS. This grass is considered invaluable for permanent pasture grass. Produces an abundance of remarkably fine foliage and soon forms a compact sod. After being cut it grows quickly and remains bright and green through the season. It is also a good variety for hay if cut when in blossom, as it is then most nutritious. Flourishes best in moist soil. Price, per lb., 25c; postpaid. By freight, per lb., 15c; per bu. (24 lbs.), \$2.15.

TIMOTHY. This grass is used extensively for hay and does well on most any soil. Sometimes grows to the height of 4 feet on rich loam. It is exceedingly nutritious, particularly when ripe. This grass is also used for pasture. It is, however, better for hay and is sown mostly with Red Clover. Price, per lb., 35c; postpaid. By freight, Fancy, per lb., 25c; per bu. (45 lbs.), \$8.75.

JOHNSON GRASS. As a meadow or hay grass this variety is highly esteemed in the South and during the hottest and driest season it can be depended on to yield heavily. It is hard to get rid of when once started and for this reason it should not be allowed to get started in cultivated lands. Price, per lb., 35c; postpaid. By freight, per lb. 25c. Ask for price by 100 lbs.

WRITE FOR PRICES IN LARGER LOTS

NOTICE

All prices quoted on grass seed are subject to market changes. If prices have advanced when we receive your order will write you before shipping, otherwise will give you our lowest price. Better still, let us know how much seed you wish and we will quote you with samples.

1½ to 2 bu. per acre.

Orchard Grass

14 lbs. to the bu.

Because of its rapid growth orchard grass is one of the most valuable and popular of our domestic grasses. It is hardy and may be grown anywhere in the United States, except the extreme South and the arid regions of the West. It is a very hardy perennial, a vigorous grower and since it grows quite as well in shade as in sunshine, is a particularly useful crop for woodland pastures. It is about two weeks earlier than timothy and one of the last to succumb to frost in the fall.

Orchard grass will stand repeated pasturing and mowing, makes from 2 to 6 tons of very nutritious hay. If well started in the fall will furnish good pasture far into the winter. Indeed,

in many sections it may be grazed throughout the winter. It is admirably adapted to the South, as it resists drouths remarkably well, and will succeed in any soil or climate where other grasses will grow.

The tendency of orchard grass to grow in tufts may be overcome by thorough preparation of the ground and liberal seeding or sowing with other grasses. It may be sown with good results at most any time from January to September, inclusive. Sow (if alone) 1½ to 2 bushels per acre. Price per lb., 35c, postpaid; per lb., 25c, per bu. (14 lbs.), \$3.00, by freight. Ask for prices in larger lots.

MILLETS

50 lbs. to bu.

Prices quoted here are subject to market changes. If the price has advanced when we receive your order we will notify you before shipping. If it has declined we will give you your money's worth at lower price.

GERMAN MILLET. German Millet will grow in any climate or soil. It is a strong grower and will yield enormous crops of the finest hay. For this purpose the seed must be sown thickly, not less than 50 lbs. per acre, at any time between May 1st and August 1st. Price 15c per lb., postpaid. By freight 4c lb., \$1.35 per bu.



grow as tall, and hence does not make as much

SIBERIAN. (Also called Red German Dakota and Earliest Russian Millet.) This millet is from 2 to 4 weeks earlier than German millet; it can be cut for hay in 60 days from planting the seed. It does excellently in wet seasons and is a better drouth resister than German millet. The blades are wide and start near the ground, continuing nearly to the top. The straw is fine and soft and does not

hay as German millet. It stools heavily. Sow ¾ bu. broadcast or ½ bu. in drill to the acre for hay, on rich land. Price 15c per lb., postpaid. By freight 4c per lb.; \$1.35 per bu. (50 lbs.)

JAPANESE BARNYARD MILLET. (Called "Billion Dollar Grass" owing to its high value.) Erect in growth, very leafy, stalks tender and succulent, even when mature. Stools freely on good soil if not sown too thickly. Its greatest value is for green fodder, of which it yields 3 to 5 tons per acre. It is excellent for cows, producing more milk than corn fodder. It grows 6 to 8 feet high, and produces 50 to 90 bushels of seed per acre, if allowed to mature before cutting. It should be sown to give best results the latter half of May at the rate of 10 pounds per acre. Price, per lb., 18c; 3 lbs., 50c; postpaid. By freight, per lb., 5c; 25 lbs., \$1.00; 50 lbs., \$1.75 100 lbs., \$3.25.

HOG, OR BROOM CORN MILLET. This millet yields enormously of seed, often 60 to 70 bushels to the acre. Seed is used for fattening hogs and other stock. Price 15c per lb., postpaid. By freight 5c per lb.; \$1.75 per bu.

HUNGARIAN. (Dark Seed.) About one week earlier and requires less moisture than German millet. The hay is fine and of excellent feeding value. Price 15c per lb., postpaid. By freight 5c per lb., \$1.75 per bu.

Pencilaria or Pearl Millet.

Makes a splendid continuous cutting forage crop either for green food or hay and is highly prized because it yields so largely.

It grows luxuriantly on any soil suitable for corn, especially on rich land, where it will grow 10 to 12 feet high, but cutting should commence when 2½ to 5 feet. After being cut it will stool out enormously, become thicker and during the warm weather grow with marvelous luxuriance. It also does well on poor soil. Very desirable in districts subject to drouth as it con-

tinues to grow in dry weather, though of course, not so rapidly.

It is very nutritious and relished by all kinds of stock. Dairymen and stockmen should plant Pencilaria in large quantities, as it furnishes fresh green feed all summer and fall, until killed by freezing.

Sow 2 to 3 lbs., per acre in drills 3 feet apart. Do not plant until warm weather. Price 25c per lb., postpaid. By freight, 15c per lb.; 5 lbs., 65c; 10 lbs. for \$1.10.



RAPE

DWARF ESSEX

SOW 5 LBS. TO ACRE

Produces feed in from six to ten weeks from sowing. Grows two to four feet high. Produces from 25 to 30 tons of green feed to the acre.

When one considers that rape will produce good, succulent feed in from six to ten weeks from sowing, he can in a measure realize its value. Rape looks much like ruta бага tops, growing from two to four feet high, has broad, rich, juicy leaves which are liked very much by cattle, sheep and hogs, and continues to grow after being continually eaten off. It is estimated that the feeding qualities of rape are probably twice as great as those of clover.

Rape can be planted early for early feed; can be sown in oats and fed after the oats are cut; can be sown in corn in the last plowing. This is a good plan when the corn is to be cut green for feed, as it will leave the rape ready for pasturing after the corn is taken off. Rape is an annual, and will not become a weed or a nuisance as it does not live through the winter. We do not recommend it for cows as it may taint the milk. Stock fed on rape must have plenty of salt.

FOR CHICKENS

Rape makes the best green food for chickens. It can be sown early and the chickens will have, good rich food all summer from one planting. They like it better than garden truck and it is much cheaper.

FINE FOR HOGS

We are satisfied that with the same preparation of the ground and with the expenditure of 25 or 30 cents per acre for seed, a man can grow as much pork from an acre of rape, well managed, as he can from an acre of corn, and grow his pork at a time of year when corn is usually high priced and often scarce.

PRICES: Genuine Imported Dwarf Essex Rape. Per lb., 18c; postpaid. By freight, per lb., 10c; 3 lbs., 25c; 15 lbs., \$1.00; 50 lbs., \$3.25; 100 lbs., \$6.00. Prices subject to change.

GOOD FOR PIGS

The pigs may usually be turned into it five or six weeks after seeding, and an acre will carry from twenty-five to forty during the season. It is better to divide the field into two parts and change pastures at intervals.

RAPE FOR YOUNG CATTLE

Calves relish a small amount of rape at a very early age and do well on it when fed judiciously. Young cattle thrive on it when it is fed in connection with natural grass pasture. Steers intended for stall feeding or late fall marketing cannot be better cared for than be allowed the run of a good field of rape.

With oats 1½ bu. per acre.
2 bu. per acre if alone.

FIELD PEAS

60 lbs.
to bushel

Canada Field Peas

The Canada Field Pea is a true pea; and should be sown early in the spring, germinating at the same time as oats. It is grown very largely in some portions of Colorado as a sheep feed, and in Canada takes the place of clover, belonging as it does to the same family, which has the merit of being able to use the free nitrogen of the atmosphere.

The Canada Field Pea can be used to advantage anywhere in this state, in connection with oats, as an early feed for hogs. If sown at the same time as oats in the latitude of Lincoln it will be ready for hogs about the 25th of June. In the extreme northern part of Nebraska it would probably take to the first week in July. The peas by that time are in the dough stage and will furnish the earliest grain feed that can be grown on the farm.

Disk the ground as early as possible in the spring, sow the peas at the rate of 1½ bushels to the acre, plow under about three inches deep, then sow 1 bushel oats or barley broadcast and harrow thoroughly. If merely covered with the harrow a heavy rain will uncover a good many of them. The grain is sown to furnish support for the peas, to more fully occupy the land, and to give variety of feed. This should make from 2 to 3 tons of cured hay per acre. Price 25c per lb., postpaid. By freight, 10c per lb.; 90c peck; \$3.10 per bu. Price subject to change.

Cow Peas

COW PEAS. Highly recommended to plant with oats or Kaffir corn, increasing the fertility of the soil for the succeeding crop and leaving the ground mellow and clean from weeds. Do not plant until the weather has become warm; sow 2 bushels if alone, and 1 bushel if with other seeds. They make from 1 to 3 tons of hay per acre.

WHIPPOORWILL. Early, bunch-growing variety. Per lb., 20c, postpaid. By freight, 10c per lb.; 75c peck; \$2.75 per bu. (60 lbs.). Price subject to change.

NEW ERA. An early variety. Maturing seed in from 80 to 100 days. Probably the best sort for North and West. Can be sown after wheat is taken off the ground and still produce a good crop of forage or peas. Prices, by mail, postpaid, 20c lb. By freight, 10c per lb.; 75c peck, bu. (60 lbs.), \$2.75. Prices subject to change.

For chickens or stock.
Big grain yielder

NEW SHALLU

One seed makes from
3 to 6 Stalks

A NON-SACCHARINE SORGHUM from India, where it is extensively cultivated under the name of "Shallu."

"It is more valuable than Kaffir Corn for grain, as it yields considerably more seed, it being of stooling habit, producing all the way from three to six stalks from a single grain, and it is quite a drought resister. The heads grow similar to Broom Corn, forming large heads of round, plump, white seeds. It is an excellent feed for horses and cattle, and for chicken feed it is unexcelled. Can be popped the same as Pop-corn, being more crisp than Pop-corn. When ground it makes an excellent flour for pancakes. It is more of a grain crop than a forage crop. It will produce more seed than any of the cane or sorghum family and about double the amount of either Red or White Kaffir Corn."

Sow in rows three feet apart, three to five pounds of seed per acre. For fodder, sow half to one bushel either broadcast or in drills. Give it a trial.

Price, pkt., 10c; 1 lb., 25c; 5 lbs., \$1.00; postpaid. By freight or express, at your expense, 1 lb., 12c; 10 lbs., 90c; 50 lbs., \$3.50; 100 lbs., \$6.50.

2 or 3 bu., 50 lbs. to bu., broad-
cast per acre for fodder

CANE OR SORGHUM

5 lbs. in rows per acre
for sorghum.

Feeding Value. It is known quite definitely that an acre of sorghum will produce more food value, more pounds of beef or pork, when properly fed, than an acre of corn. The main use of the crop, however, is for a winter supply of forage, and it has this advantage over corn or any other kind of grain, that it can be sown late. It matures fodder in 70 to 100 days.

Time to Sow. Sorghum may be put in almost any time up to the middle of July. June is the best time. Sow broadcast because the fodder will grow fine, will cure better, and will give better results in feeding. Eighty days will produce a very satisfactory crop. Sow 10 lbs. in rows for cultivation.

The Soil. Select the thinnest soil and highest part of your farm for sorghum. On this soil it is not so likely to fall down in season of excessive rainfall. Molasses growers know how rich in sweetness is sorghum grown on clay soils, and the sugar is the valuable part when grown for stock feeding. Have the ground free from clods and do not plant more than one inch deep except in very light soil.

Harvesting. Harvest as late as possible to avoid hard frost, in order that the fodder will retain its sweetness and succulence. It is then cut, when sown broadcast, with a mower and allowed to dry for a week or ten days, after which it may be put up in shocks weighing about 500 pounds and allowed to stand until fed.

Price, per lb., 15c; postpaid. By freight, 5c per lb.; \$1.50 per bu. (50 lbs.). Subject to change. Ask for prices on Larger Lots.

Good for Chickens

KAFFIR CORN

50 lbs. to bu.

This is a most excellent fodder plant, yielding two crops of fodder during a season. It grows from five to six feet high, making a straight upright growth. The stem, or stalk, bears numerous wide leaves. The stalks keep green and are brittle and juicy, making an excellent fodder either green or dried.

The seed crop is also heavy, sometimes yielding sixty bushels to the acre. Both grain and fodder are excellent. The stalk remains tender to full maturity of seed. There is no failure about it as it possesses the quality that all the tribe possess, of going without rain without any loss of capacity to yield.

The grain is extremely valuable for feeding to poultry and will make a flour that is like wheat. Cultivated the same as our common Indian corn, requiring five pounds of seed per acre. For fodder sow one to two bushels, either broadcast or in drills.

Price, per lb., 15c; postpaid. By freight, 5c per lb.; per bu., \$1.10. Subject to change. Ask for prices for larger lots.

It waits for rain

MILO MAIZE BROWN DURAH

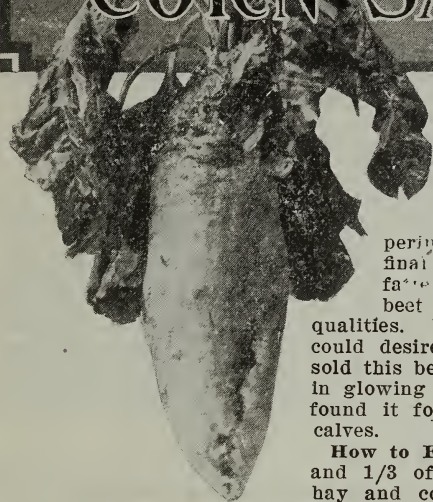
50 lbs. to bu.

Milo Maize is an excellent grain for dry regions. It will yield 15 bushels to the acre under conditions so dry that corn will be a total failure. When fed with some succulent feed such as alfalfa, stock beets or sorghum, it makes fine feed for fattening cattle. To prevent waste, Milo Maize should be fed in heads or ground. Plant 4 to 6 pounds per acre in rows and cultivate.

Price, per lb., 15c; postpaid. By freight, 5c per lb.; \$1.25 per bu.

ALL PRICES SUBJECT TO CHANGE

CORN SAVER BEET



A BIG MONEY MAKER! KEEPS HOGS HEALTHY!

Fattens Hogs for One-Tenth the Price of Corn

A Money Maker. Two years ago we, like other farmers, were wondering how we could fatten hogs without feeding them so much high priced corn. After considerable experimenting along the line of feeding alfalfa, hay, beets, etc., we finally decided sugar beets the better thing, for sugar is always fattening. That year we secured from Germany a new sugar beet that was extra rich in sugar considering its size and other qualities. We tried it out thoroughly and it proved to be all we could desire. We decided to name it **CORN SAVER BEET**. We have sold this beet all over the United States and the people are writing us in glowing terms how much they like it and how valuable they have found it for feeding not only hogs, but also milk-cows, cattle and calves.

How to Feed. We began feeding our hogs 1/3 corn, 1/3 alfalfa hay and 1/3 of the new **CORN SAVER BEET**. The amount of alfalfa hay and corn can be reduced from time to time until you will not have to average more than one small ear of corn to each hog, with very

little alfalfa hay and the balance **CORN SAVER BEET**. Give them all they can eat and the hogs will get rolling fat and healthy. Our experience proves we have struck something that will make the profit on hog raising several times greater than heretofore, and believe will entirely do away with hog cholera.

Yield. Our yield the past season was close to 80 tons per acre. The beets grow very large, frequently weigh 28 lbs. They grow about half out of the ground and are thus very easily harvested. They are two or three times as large as the regular factory sugar beet and are much better for stock.

Amount to Sow. It is an easy matter to raise these **CORN SAVER BEETS**. Simply sow on deep plowed soil, 10 lbs. to the acre, from April to June, in rows 18 inches to 2 feet apart. Thin plants to 8 inches in the row—transplant young plants to fill vacancies. Cultivate thoroughly with a five-tooth cultivator or an ordinary one row corn cultivator and you will have one of the largest money making crops you ever raised.

Price. By freight, 10 lbs. (enough for one acre), \$4.50; 5 lbs., \$2.50; 1 lb., 55c. By mail, 1 lb., 65c; ½ lb., 35c; oz., 10c; pkt., 5c.

TABLE

Showing Number of Pounds to the Bushel, and amount of Seed Necessary for an acre.

	No. Lbs. to bu.	No. Lbs. to Acre		No. Lbs. to bu.	No. Lbs. to Acre
Alfalfa	60	20 to 30	Kentucky Blue Grass.....	14	21 to 30
Alsike Clover.....	60	6 to 8	Meadow Fescue (English Blue		
Barley	48	48 to 96	Grass.....	14	21 to 28
Beans	60	75 to 100	Milo Maize.....	50	4 to 6
Billion Dollar Grass.....	40	12 to 20	Millet (except as noted).....	50	25 to 50
Buckwheat	52	25 to 40	Oats	32	32 to 64
Broom Corn.....	46	10 to 12	Onion Sets, bottoms.....	32	
Brome Grass.....	14	25 to 40	Onion Sets, tops.....	28	
Blue Grass, Kentucky.....	14	25 to 30	Orchard Grass.....	14	25 to 30
Blue Grass, English.....	14	21 to 28	Pearl Millet.....	50	5 to 8
Cane in Drills.....	50	6 to 8	Peas, field or smooth garden.....	60	90 to 120
Cane, for Fodder Broadcast.....	50	100 to 150	Peas, wrinkled.....	56	
Clover, Alsike.....	60	6 to 8	Peanuts	24	24 to 30
Clover, Red	60	12 to 15	Pencilaria	50	5 to 8
Clover, White Dutch.....	60	6 to 8	Potatoes, Irish, good measure....	60	480 to 600
Corn	56	8 to 10	Potatoes, sweet.....	50	
Corn, or Ear.....	70		Rape	60	5 to 6
Cow Peas.....	60	60 to 90	Red Top.....	14	20 to 30
English Blue Grass (Meadow			Red Clover.....	60	12 to 15
Fescue).....	14	21 to 28	Rye	56	72 to 90
Flax	56	28 to 42	Rye Grass, English or Perennial	24	50 to 60
Hemp	44	30 to 60	Speltz, or Emmer.....	40	80 to 120
Japanese Millet.....	40	25 to 50	Timothy	45	15 to 20
Johnson Grass.....	25	25 to 50	Wheat	60	60 to 90
Kaffir Corn.....	50	50 to 100	Wheat Clover.....	60	6 to 8



OUR SEED CORN

Purchasers of Griswold's Western Grown seed corn can rely upon good varieties. All of our seed corn is prepared by experienced seedmen. We do not have boys in our employ in this work. Furthermore, each variety of seed corn is kept entirely separate. Our seed corn is brought to our warehouse in the ear. Here the ears are carefully hand picked and only perfect ones, with sound corn, are saved. The poor corn goes to the grinder for feed, while the perfect ears are sent to the butting and tipping machine, which shells off the butts and tips, leaving only the perfect, regular sized kernel for seed. After shelling, the seed corn is run through a large cleaning machine, equipped with separating screen. A powerful fan mill blows out all trash and light kernels. Before our seed corn is shipped out it is placed in our Seed Tester, the plans for which were endorsed by the United States Department of Agriculture. Here it must test out at least 90 per cent. Farmers cannot run the risk of a poor stand. Better let us furnish something that we have tested and know is good.

UNIVERSITY NO. 3

A NEW EARLY YELLOW CORN ORIGINATED BY THE NEBRASKA STATE UNIVERSITY.

The following description is made by Prof. E. G. Montgomery, A.M., who has charge of Experimental Agronomy at the Nebraska Experiment Station:

"There is usually a demand for early corn in Nebraska. In the southern part of the state many farmers desire a small field of early corn for fall feed. Also the first planting in many fields is often washed out by floods, destroyed by cut worms or lost in some other way, so that the growers are often looking for a good early corn that can be planted about June 10 and mature ahead of frost.

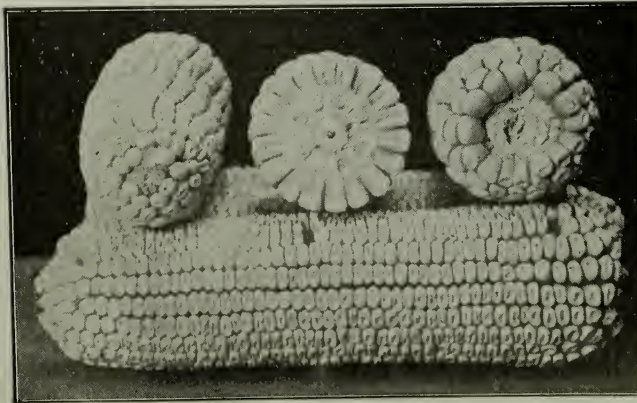
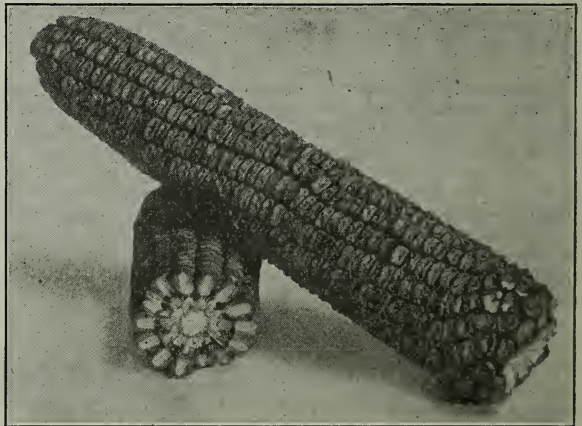
"We have been looking for a satisfactory corn of this type for years. The standard corns while maturing early enough, do not yield well as a rule, as they seem to be adapted to a northern climate.

"In testing out many varieties of farmer's corns, we chanced to test a variety of early corn grown by a farmer in Wayne county. It gave good results and more seed was secured in 1906 and a breeding plat established at the Experiment Station, where it has been selected since, and improved in type.

"The ear tends to be rather long, and the grain is about as broad as long. Color, yellow, averages 12 to 14 rows to the ear. Matures in 90 to 100 days, which makes it safe to plant in Southern Nebraska, June 10th to 15th. In Northern Nebraska it is just right for a full season corn."

Our seed was grown from this University stock and although the season was very unfavorable it

made 60 bushels per acre, field run. Price pkt., 10c; pt., 20c; qt., 30c; post-paid. By freight, $\frac{1}{2}$ peck 50c; peck, 95c; $\frac{1}{2}$ bu., \$1.50; bu., \$2.50. Shelled only.

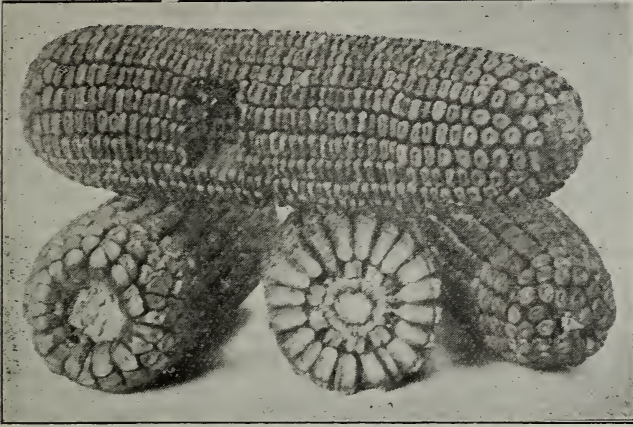


U. S. GOV'T SELECTION NO. 119 PREMIUM WHITE CORN

This corn took the highest prize for the best white corn shown at the 1908 Nebraska Corn Show. We bought the whole exhibit at a big price and planted it the spring of 1909. We are selling you the seed that originated from this choice corn. This No. 119 corn was selected from Boone County White by the U. S. Government. They have been making 'ear and row' selection until they have secured a most excellent corn. Notice the cylindrical shape, well filled tips and butts and

SEED CORN---CONTINUED

compact kernels. It has been grown here in Nebraska for four years and has been yielding 60 to 80 bushels field over. It will pay you to get some of this, it is absolutely pure. Pkt., 10c; pt., 18c; qt., 30c; postpaid. By freight or express, $\frac{1}{2}$ peck, 50c; peck, 90c; $\frac{1}{2}$ bu. \$1.50; bu., \$2.50. Shelled only.



PAWNEE COUNTY YELLOW DENT

PAWNEE COUNTY YELLOW DENT

PREMIUM YELLOW CORN. This corn took the highest prize of all yellow corn shown at the 1908 Nebraska Corn Exhibit. It was selected from Reid's Yellow Dent with the idea of securing as near a perfect corn as possible. The top ear in cut gives you a good idea of just how well this selection is being carried out. Notice how nearly cylindrical it is. It has been grown in Pawnee County, Nebraska, for several years so it is well acclimated. It has been making large yields. It yields from 75 to 80 bushels under good conditions. Give it a trial. Price pkt., 10c; pt., 18c; qt., 30c; postpaid. By freight or express, $\frac{1}{2}$ peck 40c; peck, 75c; $\frac{1}{2}$ bu., \$1.25; bu., \$2.25; 10 bu., \$21.00. Shelled only.

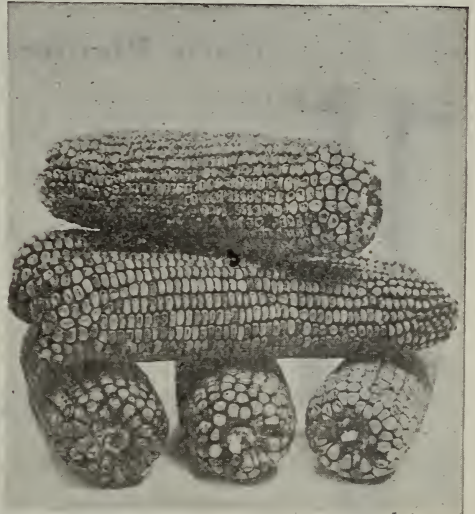
HOUGE'S YELLOW DENT. This corn is highly endorsed by the State Experimental Station and is one of the very best corns for Nebraska or Kansas. Ears are medium sized to large, maturing in about 100 days. Kernels are long, set very close together, covering the small cob on tip end, and extra well filled out on shank end. Shelled, pkt., 10c; postpaid. By freight, 1 lb., 10c; peck, 75c; $\frac{1}{2}$ bu., \$1.25; bu., \$2.00; 10 bu., \$19.00. Shelled only.

PRIDE OF THE NORTH. This is a well known variety; beautiful, deep dented, fine golden color, small ear, but a tremendous sheller. Will run about 40 to 75 bushels to the acre, ripens in 85 to 90 days, is hardy and vigorous, grows and matures anywhere, and is a most desirable variety when sure and early crops are wanted. This is a fine corn for the North and for replanting. Pkt., 10c; $\frac{1}{4}$ bu., 75c; $\frac{1}{2}$ bu., \$1.25; bu., \$2.25; 10 bu., for \$21.00. Shelled only.

FUNK'S YELLOW DENT, STRAIN 140. This seed was purchased originally direct from Funk at an expense of \$5.00 per bushel and grown here right near Lincoln. The strain, No. 140, was selected for large amount of protein, oil and extra large yield. Average yield for four years as follows: 1902, 111 bu.; 1903, 119 bu.; 1904, 108 bu.; 1905, 114 bu. If you manage right and plant on good, rich soil, you ought to get not less than 90 bushels here in Nebraska. This Funk's Yellow dent is an improvement of Reid's Yellow Dent, and has the same general characteristics. The ears are from 8 to 11 inches long, cylindrical in shape from butt to tip, with 18 to 20 rows on a small cob. The kernels set very close together with no open space between. They are moderately rough, rather blunt, medium in thickness, and almost cover both ends of the cob. It cures readily in the shock, and retains its natural green color. Shelled, pkt., 10c; postpaid. By freight, 1 lb., 10c; peck, 75c; $\frac{1}{2}$ bu., \$1.25; bu., \$2.25; 10 bu. for \$21.00. Shelled only.

IMPROVED LEAMING. A rich golden colored dent corn, good size ears, rich in protein, wedge shape kernels, medium size cob, a strong, vigorous grower, quite early, ripening in 90 to 95 days, and has become thoroughly acclimated in Nebraska. Will always ripen, when conditions are at all favorable, a large crop of fine golden corn. Two ears usually grow on each stalk. This makes the yield per acre equal that of much larger corn. We secured our stock seed for this variety from the originator, and the seed for this year is fine and perfectly pure. We have known this corn to yield as much as 90 bushels per acre. There is nothing better for an extra early corn. Price, peck 75c; $\frac{1}{2}$ bu., \$1.25; bu., \$2.00; 10 bu. for \$19.00. Shelled.

WHITE FLINT. Similar to yellow, except color. Stalks usually bear 2 or 3 long ears, having 8 to 10 rows of hard, white corn. Very early; excellent for fodder and ensilage. Price, peck, 75c; $\frac{1}{2}$ bu. \$1.25; bu., \$2.25; 10 bu. \$21.00. Shelled.



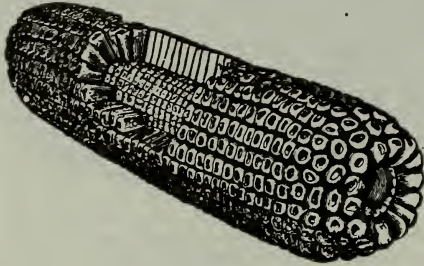
FUNK'S YELLOW DENT

WHITE CAP BUTCHER. The White Cap Butcher is a medium large early red corn with white cap; will mature in 85 to 90 days and be good and sound. It is a large yielder on thin soil and will stand the drought as well as any variety of corn grown. This is sometimes called Red Dakota Corn. Price, peck, 75c; $\frac{1}{2}$ bu., \$1.25; bu., \$2.25; 10 bu., for \$21.00. Shelled.

CALICO. That fine, large, variegated corn that always yields well and makes big ears. This corn always gets ripe before frost. Price, peck, 75c; $\frac{1}{2}$ bu., \$1.25; bu., \$2.00; 10 bu. for \$19.00. Shelled.

SEED CORN---CONTINUED

Price, Corn in Small Lots this page: Pkt., 10c; pt., 15c; qt., 25c; 5 lb., \$1.00; postpaid.



NEBRASKA WHITE PRIZE. Ears are large and well filled at both ends, the white cob being hardly visible. The drought much better than yellow, and usually sells for to the ear. The corn is medium early and yields frequently 75 bushels to the acre. Our stock this season is dry, well matured and pure white. White corn stands the drouth much better than yellow, and usually sells for more money on the markets. We have had high praises for this corn and you can not do better than give it a trial. Remember it only costs you 20c per acre to plant this corn. Don't run any risk by putting in something inferior. Price, peck, 75c; $\frac{1}{2}$ bu., \$1.25; bu., \$2.25; 10 bu. for \$21.00. Shelled.

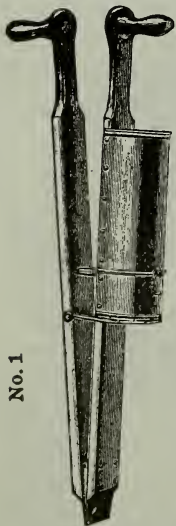
SILVER MINE. Stalks grow 7 or 8 feet high, every stalk has an ear, often 2 or 3 ears, set about 4 feet from the ground. Ears long, heavy, generally with 18 rows of broad, semi-transparent white kernels on a white cob. It is the earliest white corn and very productive. Very hardy and little affected by drought. Price, peck, 75c; $\frac{1}{2}$ bu., \$1.25; bu., \$2.25; 10 bu., for \$21.00. Shelled.

GOLD MINE. Our stock of this variety has been grown for us by the same man for several years. He has improved it right along. It is a medium early variety, doing well and ripening in good shape as far north as southern Minnesota. The grain is a rich golden, shining like new coin from the mint; dent, long, deep; kernel often over three-fourths of an inch long. This corn will shell more pounds to seventy pounds of ears than any corn we know of. 100 to 110 days. Pkt., 10c; postpaid. By freight, 1 lb., 10c; peck, 75c; $\frac{1}{2}$ bu., \$1.25; bu., \$2.00; 10 bu. for \$19.00. Shelled.

YELLOW FLINT. The corn for the extreme North. Ears long, of rich color. Very productive, outyielding any flint corn we have ever grown. Ripens earlier than any other corn. As it makes good size ears in 5 or 6 weeks, it is especially valuable for early hog feed. Price, peck, 75c; $\frac{1}{2}$ bu., \$1.25; bu., \$2.25; 10 bu. for \$21.00. Shelled.

IMPROVED REID'S YELLOW DENT. Has a wide reputation, and is endorsed by more experimental stations than any other corn grown. The ears are from 10 to 13 inches long, 7 to 7 $\frac{1}{2}$ inches in circumference, 18 to 24 rows to the ear, grains quite thick, rather long, blunt out on end, and just packed in the rows, butts and tips almost completely filled. Has heavy stalks with an abundance of blades, making extra fine fodder. It will ripen in 90 to 100 days and will yield from 50 to 80 bushels per acre ordinary farming. By freight, 1 lb., 10c; peck, 75c; $\frac{1}{2}$ bu., \$1.25; bu., \$2.00; 10 bu. for \$19.00. Shelled.

Corn Planters



No. 1

No. 1. Good, reliable two hand corn planter.

Price\$1.00

No. 2. Segment one hand corn planter, adjustable for planting all kinds of corn. Has pumpkin seed attachment, is well made in every way.

Price\$1.25

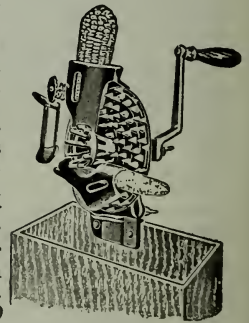
For other Tools, Seeders, etc., see Page 74.



No. 2

Combined Tipper and Sheller

This is just the machine you have been looking for. It butts and tips your corn and then shells it. Also has an attachment for shelling pop corn. These machines are well made, extremely handy, you can more than pay for one by shelling and tipping your seed corn and then have it for next year. Price, complete....\$1.10



Grant Co., Okla., Mar. 15, '11.

Corn Saver Beets are certainly excellent hog feed, and I am sure there will be a large demand for them in this locality as soon as they are well introduced.

A. S. DAVENPORT.

NOTICE! Corn is in the worst condition for seed this fall that it has been for several years. Our experience is that less than 15% of it will do for seed and that will have to be thoroughly dried. To do this as it should be we are right now (Dec. 20th) installing at an expense of about \$1,000.00 a large steam heated Seed Corn Dryer. All our corn will be carefully hand-picked, butted and tipped, shelled and run through this dryer and then tested.

No farmer will be safe in planting his own corn without testing it, and even then it might grow and later not grow unless it was thoroughly dried out. Don't take any chances. Place your order early and pick two varieties, as we may have to substitute.

KHERSON OATS

Known as University Oats, No. 1

Hardy and good yielder. Largest yield in Nebraska 112 bushels to acre; frequently yields 80 bushels per acre; two to three weeks earlier than common oats

Origin. Kherson Oats were brought to America in 1900 by the University of Nebraska, located at Lincoln. They originally came from Kherson, Russia, where they were grown as the best extra early, hardy, good yielding oats in that locality. The University of Nebraska sent out small lots to farmers all over the state and tests proved that the oats far excelled their high expectations as to earliness, amount of yield, and adaptability to withstand heavy winds and not lodge.



Description. Kherson Oats, when ripe, are a beautiful yellow in color. They have fine large spangled or full heads; which frequently contain more than 100 seeds. A good idea is obtained from illustration which is taken from an actual photograph. The straw is stiff and does not lodge or rust. The leaves are broad, frequently $\frac{3}{4}$ of an inch wide. They extend to the roots and are so pliable that they stay on even through threshing. The straw makes an unusually good fodder and is eaten greedily and with profit by all kinds of stock. While the kernel is a little small, the berry, when the hull is off, is extra large. We have never found a grain so small but what it contained a well developed seed. This is not true of the large oats.

Yield. Under favorable conditions Kherson Oats have yielded as high as 112 bushels to the acre in Nebraska. At the Experimental Station at North Platte the yield averages about 50 bushels to the acre.

In a good favorable year Kherson Oats are three weeks earlier than common oats, thus losing by two weeks the risk of hail and two weeks better chances for a crop.

We have never sold anything that gave such universal satisfaction. In 1905 we sold over 9,000 bushels of Kherson Oats; in 1906 almost 11,000 with increasing sales each year since. These immense amounts go out in from 3 to 50 bushel lots to almost every state in the Union, and especially Iowa, Illinois, Kansas, Missouri, and Oklahoma. All these states report the yield from 10 to 30 bushels more per acre than Texas Red, Champion, and other Oats. Customers who bought these oats when we first introduced them are now buying to secure a new start.

Buy direct from us and you get the pure seed—no substituting.

Sow on rich soil. Reports show that they do not lodge even on bottom land. They will not give satisfaction on poor soil. Sow $2\frac{1}{2}$ bushels per acre.

If you order only oats, remember the freight will be no more for three bushels than one bushel.

We have handled the Kherson Oat since its adaptability to our soil and climate has been proven.

Good Seed Oats are very hard to get this year.

Prices, 1 bu., \$1.10; 5 bu., \$5.25; 10 bu., \$10.00; 25 to 50 bu. lots, per bu 95c. These prices are sacked f. o. b. cars, Lincoln, Nebraska.

REGENERATED SWEDISH SELECT OATS

These oats were introduced for the first time two years ago. They were "crossbred" by the Garten Seed Company, of England, and the system that they used was such that it increased their vitality and put them back to their original standard of high excellence. Under this system the oats were made to weigh 52 pounds to the measured bushel. We had a small lot of these oats planted for us a year ago, and they yielded a little more than twice as much as com-

mon oats under the same conditions. This season we are offering oats grown from last year's stock. Our grower says, "They beat all other kinds two to one in yield and quality."

Price, by mail, 1 lb., 20c; 3 lbs., 55c. By freight, 1 lb., 10c; $\frac{1}{2}$ peck, 25c; 1 peck, 35c; 1 bu., \$1.10; 5 bu., \$5.00.

REID'S GREEN MOUNTAIN. Failure.

SPELTZ OR EMMER

Drill 2 bu., or if broadcast, 3 bu. to the acre. 40 lbs. to the bu.

This grain resembles barley except that it has two berries in each hull. Sow it in place of oats. Grain is just as good for stock. Better than barley for hogs. It is liked by horses, sheep and cattle. Its straw makes feed equal to prairie hay. It produces from 50 to 100 bushels of seed per acre, and yields well in dry years when other small grains are a failure, and will grow anywhere in the corn belt and as far north as wheat will grow. As the grain is very rich in protein, it makes a most nutritious feed. Cut when

middling green, as it threshes easier, and the straw makes better hay.

Farmers who planted this seed last year found it to be a most valuable crop for dry seasons. While it grows just as well in the eastern part of this state as wheat, oats and other grains it is especially valuable where the rainfall is light. Price, 1 lb., 25c; postpaid, 35c. By freight, per bushel (40 lbs.), \$1.00; 10 bu. lots, 95c. Price subject to change.

BARLEY

WHITE HULLESS. A valuable variety, has large heads, plump kernels, both hullless and beardless and looks like large white wheat. It is two or three weeks earlier than any other barley, and an immense yielder. As it stools wonderfully, sow only $1\frac{1}{2}$ bushels per acre. \$2.50 per bushel.

CHAMPION. It is beardless and nice to handle. Grows tall and stands up well. Straw is good and grows taller than any other variety. Per bushel, \$2.00.

MANDSCHEURI. It is a nearly six-rowed variety, maturing 80 to 90 days from the time of sowing; is very strong strawed and stools well, bearing large heads of plump grain, adapted to all kinds of soil and climate. Per bushel, \$2.00.

COMMON. Succeeds best on lands more sandy and lighter than those adapted to wheat. Sow from 2 to $2\frac{1}{2}$ bushels per acre. Per bu., \$1.90. Prices on Barley subject to change.

Broom Corn

46 lbs.
to Bushel

OKLAHOMA DWARF. This variety possesses several features of merit which distinguish it from others and place it at the head, viz.: Its earliness, dwarf habit (5 feet high), robust growth, extreme productiveness, long, well-fibered brush and above all, its ability to resist drouth. Prices, per lb., 20c postpaid. By express or freight, 25 lb. lots., per lb., 4c; per bu., \$1.75.

IMPROVED EVERGREEN. The best variety for general cultivation on account of color and quality of brush. Price 15c per lb, postpaid. By freight, per lb, 5c; per bu., \$1.50.

DWARF. Grows from 3 to 4 feet high, straight brush. Used for making whisks and brushes. Price 1 lb., 15c; postpaid. By freight, per lb., 5c; per bu., \$1.50.

Macaroni Kubanka Wheat

This wheat is tall, with broad, smooth leaves. The heads are large, heavily bearded, and have much the appearance of barley. The kernels are large, very hard, having less starch than common wheat. Largely used in the manufacture of Macaroni, and makes excellent flour.

The habit of growth adapts Macaroni Wheat to regions of light rainfall, having great ability to

withstand drought and heat. It requires rich soil, but will grow in alkali.

Reports show a better yield per acre of Macaroni or Durum Wheat than other spring varieties. Sow early in the spring, as it is not easily injured by frost. Price, 50c per peck; \$1.50 per bu.; 2 to 10 bu., \$1.40 per bu.

Turkey Red Winter Wheat, Flax and Winter Rye —Ask for Prices in Fall.

Seeds in 70 to
75 Days

Buckwheat

52 lbs.
to Bushel

JAPANESE. This sort has proven to be much earlier and more productive than any other variety. The grains are very large and of rich, brown color. It excels in yield and earliness. Lb., 25c; 3 lbs., 60c; postpaid. By freight or express, peck, 40c; bu., \$1.50.

SILVER HULL. A very good and popular variety. The grain is of light gray color, is

rounder than the common variety, matures earlier, and yields a half more to the acre. Lb., 20c; 3 lbs., 45c; postpaid. By express or freight, peck, 40c; bu., \$1.50.

COMMON. Sown in June, broadcast, at the rate of 2 to 3 pecks per acre. Lb., 25c; 3 lbs., 60c; postpaid. By freight or express, peck, 35c; bu., \$1.45.

For Alkali Lands You Can Sow

BROME GRASS

SORGHUM

COMMON MILLET

SWEET CLOVER

CANADA FIELD PEAS

SAND VETCH

DWARF ESSEX RAPE

CORN SAVER BEET

ALL PRICES QUOTED ON THIS PAGE SUBJECT TO CHANGE

VACANT GOVERNMENT LAND

HOW TO GET A FARM FREE.

A Billion Acres Open to Homestead Entry and Purchase.

For full information to Land-Seekers about the United States' vacant Lands and how to secure them. Gives the number of acres and the kind of Land that is open to settlement in each county of every Public Land Entry State and Territory in the Union. Tells where each Land Office to which applications are to be made, is located. Gives a copy of the Application Blank and Affidavit nec-



essary to file on a homestead. Tells about Irrigation and gives a list of Government Irrigation Projects. How to get Oil and Saline Lands. How to get Farm Land. How to get Timber Land. How to Get Grazing Land. How to Get Mineral Land. How to Get Stone and Coal Land. How to acquire Townsites and Millsites. Explains the Government Survey System. Contains all the information necessary to procure Vacant Government Land. All Diagrams and Tables revised to date. Price, 25c; postpaid.



SEED POTATOES

For Sprayers see
Pages 70-71.

All Potato Prices Subject to Advance
RED RIVER EARLY OHIO, OUR NEBRASKA SPECIALTY. MATURES EARLY, HEAVY YIELDER, AND A VIGOROUS GROWER.

8 to 12 Bushels of Seed Required to the Acre. One Peck will Plant About 100 Hills.

IMPORTANT.—Seed potatoes should be changed every year. The necessity for doing so is universally admitted by all potato growers, especially when the best seeds can be had at so little additional outlay.

Our Northern Grown Seeds were produced by potato specialists, who have grown for us for years. They use first-class potato land, pure, well-matured, good sized seeds. When necessary they treat the seeds and spray the foliage.

RED RIVER EARLY OHIO

This is the most popular early potato in this country. We have more calls for it than any other early variety. Every potato grower knows what it is, and knows just about what it will do in his locality. It is the standard extra early the world over, and other varieties are measured by it. We have an extra choice strain of early Ohio. Our Red River Valley stock, grown in North Dakota last fall, is the earliest, purest, and altogether the handsomest stock of Early Ohio potatoes to be found anywhere, and as fine as one cares to see. The tubers are smooth and regular in shape, free from prongs, perfectly pure and full of vigorous life. They are selected with the utmost care, and the result is grand, such as to delight everyone who knows and appreciates a good potato. Price, peck, 50c; bu., \$1.50; barrel (net 165 lbs.), \$4.30; 25 bu. lots or over at \$1.45 per bushel, sacked. Ask for price when you are ready to order.

EXTRA EARLY POTATOES


ACME. The most profitable early potato in cultivation. Fit to eat in six weeks and crop fully matured in ten weeks from planting. Prolific yielder; tubers are oblong, smooth; skin flesh color; flesh white; upright strong vines with tubers growing compactly in the hill. Eyes shallow, quality excellent, mealy and of fine flavor. Keeps well. Price, peck, 55c; bu., \$1.90; barrel (net 165 lbs.), \$5.40.

yielder, but good sized, smooth, round to oblong, tubers in eating condition before the well-known Early Ohio. Grown in Nebraska. Price, peck, 55c; bu., \$1.90; barrel (net 165 lbs.), \$5.40.

RED TRIUMPH. Earlier than any other desirable for the first "new potatoes." Tubers nearly round, medium in size, reddish pink in Price, peck, 55c; bu., \$1.90; barrel (net 165 lbs.), 165 lbs.), \$5.40.

EARLY SIX WEEKS. Another potato of the Ohio type in great demand. Not the heaviest

MAIN CROP POTATOES




CARMAN NO. 3. This potato is of large and uniform size, yielding immense crops. It is of perfect form. It has but a few eyes, and they are shallow; the skin and flesh are extremely white and its cooking qualities are very fine. It is a remarkably handsome potato, enormously prolific. Keeps well. Price, peck, 40c; bu., \$1.40; barrel (net 165 lbs.), \$4.00.

RURAL NEW YORKER. It is very large, unusually smooth with few and shallow eyes; form slightly oblong, and rather flattened. Skin and flesh white, quality excellent, season intermediate. Tubers of great uniformity in size, almost every one marketable. It holds a leading place as a standard field cropper. Price, peck, 40c; bu., \$1.40; barrel (net 165 lbs.), \$4.00.

Tubular Hand Potato Planter. Price, \$1.25, by express.

For Sprayers and Paris Green, see Pages 70-71



Acme Hand Potato Planter, 80c, by express.

VEGETABLE PLANTS

We Grow Great Quantities of Cabbage, Cauliflower, Celery, Tomato and Sweet Potato Plants

	Ready About	per doz.	Postpaid		By Exp., Your Expense		
			per 25	per 100	per doz.	per 100	per 1000
Early Cabbage, most leading varieties.....	Apr. 25	\$0.15	\$0.25	\$0.75	\$0.10	\$0.50	\$4.00
Late Cabbage, most leading varieties.....	May 10	.10	.20	.65	.10	.40	2.50
Early Tomato, most leading varieties.....	Apr. 25	.25	.45	1.00	.15	.80	7.00
Late Tomato, most leading varieties.....	May 10	.15	.30	.90	.10	.70	6.00
Cauliflower, Snowball.....	May 10	.25	.45	1.25	.20	1.00	7.00
Egg Plant.....	May 10	.25	.45	1.25	.25	1.00	8.00
Early Celery, most leading varieties.....	May 10	.20	.35	.75	.15	.50	4.00
Late Celery, most leading varieties.....	June 1	.15	.25	.55	.10	.35	3.00
Pepper, most varieties.....	May 10	.25	.45	1.25	.20	1.00	8.00
Sweet Potato, Yellow Jersey & Nansemond.....	May 10	.....	.....	.50	.....	.30	2.50
Asparagus Roots.....		.15	.....	1.00	.....	.60	.....
Rhubarb Roots.....	10c each	1.00 per doz.			50c per doz		

WRITE FOR PRICES IN LARGER LOTS

TO MAKE A HOTBED

A hotbed should face the south or southeast, be located on well drained ground, and if possible be protected on the north by a building or high fence.

6x10 feet will be large enough for an acre garden. Sashes are usually 3x6 ft. Dig a trench 2 ft. deep, around this place a frame 16 inches high at the back and eight inches in front. Fill the hole with fresh horse manure that has lain for a week or ten days, tramping it down firmly and covering with 4 inches of fine, rich, black soil. Place the sashes over the frame. After standing a few days lift the sashes to allow the rank heat and steam to pass off; when the temperature has subsided to 90 degrees F. sow the seed. It is best to bank the outside of the frame up to the sash.

The hotbed may be all above ground by making a pile of manure 2 ft. high, and 2 ft. longer, and 2 ft. wider than the frame, fill in with black soil and complete as directed for the excavated bed.

When plants are nearly ready for outside lift the sashes every pleasant day, gradually hardening off the seedlings.

Frame and shades should be stored away at the close of the season and will thus last for years.

Vegetable Seeds

At prices named we pay postage on all seeds ordered by the Packet, Ounce, Pound, Pint and Quart.

DISCOUNT ON SEEDS IN PACKETS

Send us \$0.25 and select seeds in packets and ounces only, to the value of.....	\$0.30
Send us .50 and select seeds in packets and ounces only, to the value of.....	.60
Send us 1.00 and select seeds in packets and ounces only, to the value of.....	1.25
Send us 2.00 and select seeds in packets and ounces only, to the value of.....	2.50
Send us 3.00 and select seeds in packets and ounces only, to the value of.....	3.75
Send us 4.00 and select seeds in packets and ounces only, to the value of.....	5.00

Please remember that these discounts apply only to Vegetable and Flower Seeds in Packets and Ounces, but not to seeds by the ¼ lb., Pound, Pint or Quart, or to the Special Collections; the prices on these are net; not premiums allowed.

ASPARAGUS

1 oz. to 50 ft. of drill;
5 lbs. to the acre

SPARGEL

Sow in March or April, in good mellow soil, after soaking the seed 24 hours in warm water, in drills one foot apart, and one inch deep. During the summer keep the soil mellow and free from weeds, thinning the plants to 4 inches apart. The following spring transplant into permanent beds that have been deeply dug and highly manured.

CONOVER'S COLOSSAL. A mammoth, green sort of the best quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c; postpaid.

BARR'S MAMMOTH. An early, large-stemmed, green variety. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c; postpaid.

PALMETTO. An early, green sort, prolific and very desirable. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c; postpaid.

COLUMBIAN MAMMOTH WHITE. Produces white stalks of large size and finest quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c; postpaid.

ASPARAGUS ROOTS

The ground should be well manured and deeply spaded, the roots planted two feet apart, one foot apart in the row, and at least six inches deep. These will be ready to use in two to three years. 15c per dozen; 50 for 60c; \$1.90 per dozen, postpaid; 40c for 50; 60c per 100, by express at your expense.

ASPARAGUS CULTURE

A book giving all possible details as to Growing, Soil, Marketing, Canning, etc., for home use or market, 174 pages. Cloth, 50c; postpaid.



FOR PRICES ON LARGER
LOTS SEE OUR
MARKET
GARDENERS' PRICE LIST
SENT FREE

BEANS

BUSCH BOHNEN

1 PINT TO 100 FEET OF
DRILL; 1 BUSHEL PER
ACRE
EARLIEST VARIETIES
READY FOR TABLE
IN 40 DAYS

The soil best adapted to beans is a light rich, well drained loam, which was manured for the previous crop. Beans are extremely sensitive to both cold and wet, and it is useless to plant them before the ground has become dry and warm. The largest return will result from planting in drills from two to three feet apart, and leaving the plants two to six inches apart in the row. Up to the time of blossoming they should have frequent shallow cultivation. Never hoe when the vines are wet, as the pods would become discolored. For succession plant every two weeks.



GOLDEN WAX BEANS

BUSH OR SNAP

Wax or Yellow Pod Varieties

GOLDEN WAX. A standard sort. One of the earliest beans in the market. The pods are of good length, flat, but quite thick and broad. They are waxy, golden yellow, and of fine, buttery flavor. Hardy and productive. Pkt., 5c; pt., 25c; qt., 40c; postpaid.

IMPROVED GOLDEN WAX. Pods are thicker than those of Golden Wax, and of better quality. Pkt., 5c; pt., 25c; qt., 40c; postpaid.

GERMAN BLACK WAX. A popular variety; pod a waxy yellow, solid, tender, almost transparent, stringless, seeds when ripe jet black. Pkt., 5c; pt., 25c; qt., 40c; postpaid.

CURRIE'S RUST-PROOF WAX. The vine is very vigorous, hardy, and an early and abundant bearer. The pods are long, flat and straight, and of a light yellow color. The beans when ripe are a bluish black. It is an excellent shipper. Pkt., 5c; pt., 25c; qt., 40c; postpaid.

CHALLENGE BLACK WAX. This is the first sort to give a full picking. The pods are a clear waxy white, round, fleshy, tender and stringless. Seed jet black. Pkt., 5c; pt., 25c; qt., 45c; postpaid.

DAVIS' KIDNEY WAX. The large beans are pure white, kidney shape, excellent for cooking, green or dry. The pods while young are stringless, tender and of excellent flavor, very long, straight, flat, and clear, waxy white. Very productive. Pkt., 5c; pt., 25c; qt., 45c; postpaid.

WARDWELL'S KIDNEY WAX. Pods long, flat, nearly straight, white, handsome and of good quality. One of the very best beans, large, kidney shaped, white with dark markings about the eye. Pkt., 5c; pt., 25c; qt., 45c; postpaid.

YOSEMITE WAX. The pods are golden yellow, very long, round, nearly all solid pulp, and stringless, cooking tender and delicious, seed black. Pkt., 5c; pt., 30c; qt., 50c; postpaid.

DWARF BUSH LIMA BEANS



The Bush Limas are quite desirable for the garden, as their cultivation does away with poles. These should be planted edgewise with the eyes down and two inches deep. Plant June 1st.

HENDERSON'S BUSH LIMA. Grows in compact bush form about 18 inches high. The beans are small in size, but of delicious flavor and great productiveness,

and about two weeks earlier than the others. Pkt., 5c; pt., 25c; qt., 45c; postpaid.
BURPEE'S BUSH LIMA. A bush form of the true large Lima. A good yielder, bearing a handsome large pod, well filled. Pkt., 5c; pt., 30c; qt., 50c; postpaid.

DWARF, GREEN PODDED SORTS

BURPEE'S NEW STRINGLESS. The only stringless green-podded bean in cultivation. The pod is round, full, large and straight. In quality it is superior to most other Bush Beans. Pkt., 5c; pt., 25c; qt., 45c; postpaid.

IMPROVED RED VALENTINE. Early and prolific. Pods are remarkably fleshy and tender, and remain a long time without becoming hard. Pkt., 5c; pt., 25c; qt., 40c; postpaid.

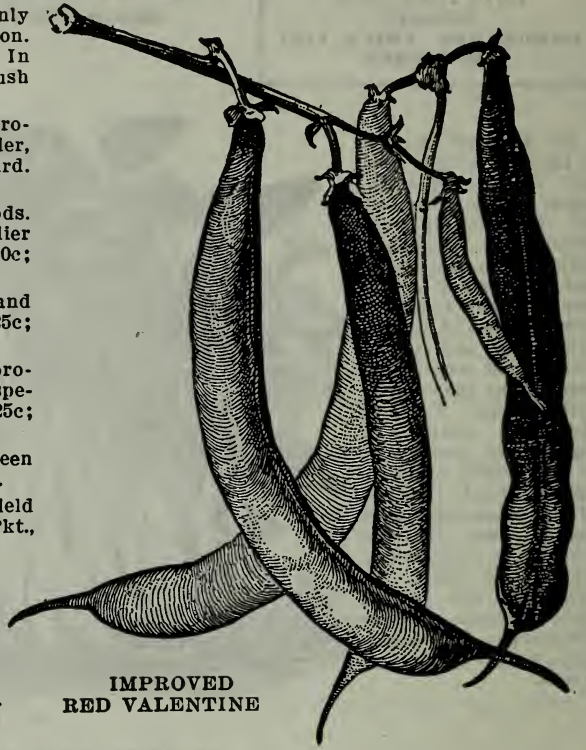
EARLY MOHAWK. Long, flat, straight pods. Very hardy and can be planted much earlier than other sorts. Pkt., 5c; pt., 25c; qt., 40c; postpaid.

LONG YELLOW SIX WEEKS. Hardy, early and productive. A standard sort. Pkt., 5c; pt., 25c; qt., 40c; postpaid.

REFUGEE (THOUSAND TO ONE). Most prolific green-podded sort, thick and fleshy. Especially desirable for pickling. Pkt., 5c; pt., 25c; qt., 40c; postpaid.

WHITE MARROW. Good shelled, either green or dry. Pkt., 5c; pt., 25c; qt., 40c; postpaid.

LITTLE WONDER NAVY. Valuable for field culture; very prolific, excellent dry bean. Pkt., 5c; pt., 20c; qt., 35c; postpaid.



IMPROVED
RED VALENTINE

The Country Kitchen. Nine hundred tried and tested recipes suited to the country and contributed by readers of The Farmer. The most popular and practical cook book on the market. 154 pp., price, 12 mo., cloth, 50 cents; paper, 25c.

POLE BEANS

One Quart to 200 Hills

STANGEN BOHNEN

These are more tender than the Dwarf Beans, and planting should be delayed about a week longer. Set a stout stake about 8 feet long firmly in the center of each hill, leaving four plants to a hill.

EARLY GOLDEN CLUSTER WAX. Begins bearing in July, continuing to produce abundantly until frost, large clusters of golden-yellow pods 6 to 8 inches long and of delicious flavor. Valuable either as a shell or snap bean, white seed. Pkt., 5c; pt., 25c; qt., 45c; postpaid.

CUT SHORT (Corn Hill). A standard sort for planting among corn. It will yield a good crop without the use of poles. Beans nearly oblong, cut off at the ends, white with reddish-brown spots. Pkt., 5c; pt., 25c; qt., 45c; postpaid.

DUTCH CASE KNIFE. An early corn hill bean. Pods very long and flat; beans, flat, kidney shaped, white, of excellent quality, green or dry. Pkt., 5c; pt., 25c; qt., 45c; postpaid.

OLD HOMESTEAD (Kentucky Wonder). An excellent green podded variety; enormously productive, the long pods hanging in great clusters along the entire vine; they cook very tender and melting. Seed dark brown. Pkt., 5c; pt., 25c; qt., 45c; postpaid.

LAZY WIFE. A late bean. Pods long, broad, thick and entirely stringless; rich and buttery; dry beans white, and unsurpassed as shell beans for winter use. Very prolific. Pkt., 5c; pt., 25c; qt., 45c; postpaid.

LARGE LIMA (Butter). Productive. Large, flat pods; beans white, of excellent flavor. Pkt., 5c; pt., 25c; qt., 45c; postpaid.

Brussels Sprouts

SPROSSEN KOHL

Matures 140 to 150 days from seed

The plants grow two to three feet high, and produce miniature heads from the sides of the stalk. These heads, after they have been touched by frost, become very tender; boiled in the same way as cauliflower. Pkt., 5c; oz., 15c; ¼ lb., 45c; postpaid.

Culture—Same as winter cabbage. Break down the leaves in the fall to force the growth of the sprouts.



ONE OUNCE TO 100 FT.
OF DRILL, 5 to 7 LBS.
TO ACRE IN DRILLS.

BEETS

ROTHE REUBEN or RUNKLE-REUBEN

The early turnip varieties are ready for the table in from 50 to 60 days from sowing seed.

The best results are obtained on a deep, rich sandy loam, in freshly prepared soil, which should be pressed firmly over the seed.

If wanted very early, sow in hotbeds an dtransplant, cutting off the outer leaves. For general crop sow in drills 18 inches apart, and thin to three inches in the row. For winter use, the turnip varieties may be sown in June, and the beets may be kept by storing in a cellar and covered with sandy soil to prevent wilting. To prevent beets losing their color in cooking, do not break the skin.

Prices made are all postpaid. If sent by express deduct 10 cents per pound.

BEST EARLY BLOOD TURNIP. Dark red, fine flavor, good for winter.

CROSBY'S EGYPTIAN. An improved strain of the Egyptian; skin and flesh are dark red, roots smooth, round, fine quality, extra early.

ECLIPSE. An extra early variety with round, smooth, blood-red roots. Matures very early and is popular both for market and home garden.

DEWING'S EARLY RED TURNIP. Of good form and flavor. Flesh and top deep blood-red; excellent for early or winter use.

DETROIT DARK RED TURNIP. A grand beet for bunching for market, and for the home garden. Tops small; roots globular, skin smooth; dark blood-red; flesh bright, crisp, tender, sweet and remaining so for a long time.

COLUMBIA. Extra early, also one of the finest main-crop beets for market or home garden. The roots are turnip shape, 3 to 4 inches in diameter, deep, through, smooth and entirely free from small rootlets. Flesh deep blood-red, tender and of rich flavor.

CRIMSON GLOBE. Early, of medium size, uniformly round; color deep crimson throughout, exceeding tender and sweet and a good keeper. Oz., 5c; ¼ lb., 20c; lb., 60c.

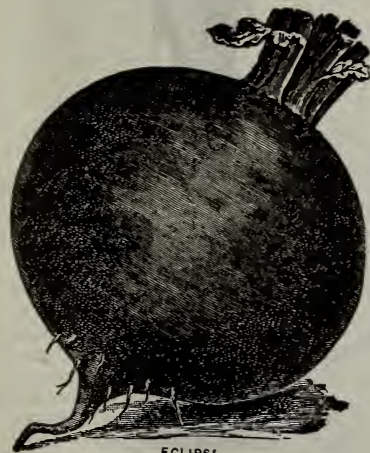
EARLY EGYPTIAN. Early, flesh dark red, zoned with lighter shade; sweet and tender when young.

BASTIAN'S EARLY BLOOD TURNIP. Very early and popular, small top, retaining its blood-red color when cooked. A good second early variety.

EDMUND'S IMPROVED BLOOD TURNIP. Round and smooth, matures early. Skin and flesh are of a deep blood-red; sweet and tender. An excellent keeper.

ARLINGTON BLOOD TURNIP. A dark-leaved variety, following Eclipse in maturing; perfectly round, blood-red, excellent quality, and good for winter.

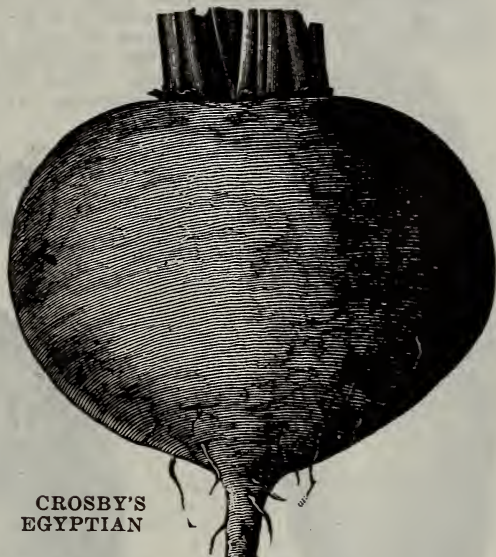
HALF LONG BLOOD. An entirely distinct variety, and the best for winter use. The roots are pear-shaped, smooth, flesh a rich, dark red, crisp, tender and very sweet, never becoming woody, and retaining its excellent quality longer than other sorts.



ECLIPSE.

LONG DARK BLOOD. Tops large, with good sized, long roots, tapering and growing even with the surface; dark red; flesh sweet and tender, remaining so until spring. A popular winter sort. like asparagus, the leaves used for greens.

SWISS CHARD. Grown for its leaves only; mid-rib is cooked and served



CROSBY'S
EGYPTIAN



HALF LONG BLOOD

PRICE

These prices are high for the reason that last year's crop was an almost entire failure. Some varieties are shorter than others and we may have to substitute. Any of the above beets, price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

MANGEL WURZEL AND SUGAR BEET

PRICE

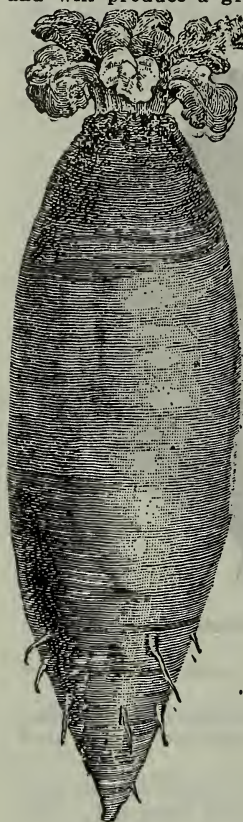
Ounce, 10; $\frac{1}{4}$ pound, 20; pound, 60c; postpaid.
By freight, 5 pounds, \$2.25; 10 pounds, \$4.00.

One ounce will sow 100 ft. drill. 6 pounds per acre.
140 to 150 days required from sowing to maturity.

For Stock Feeding

When the fact is considered that 50 tons of Mangel Wurzel may be grown on a single acre, at a small outlay, the wonder is that every farmer does not profit by it. Mangels grow to a larger size and will produce a greater bulk of roots per acre than sugar beets, but the latter are richer in quality and of superior feeding value.

As all mangels require a deep soil in order to grow well, plow and subsoil at least a foot to eighteen inches and apply plenty of rich stable manure. Sow in April to June, in rows eighteen inches to two feet apart, and thin to eight inches in the rows. Young plants may be transplanted to fill up vacancies. As soon as frost occurs dig the crop.



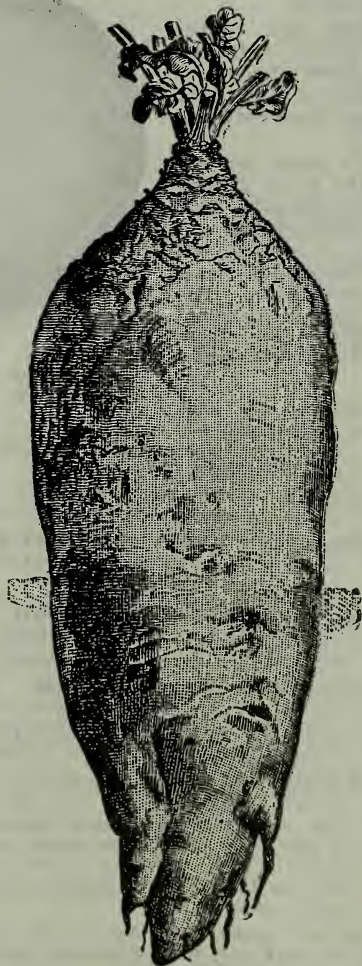
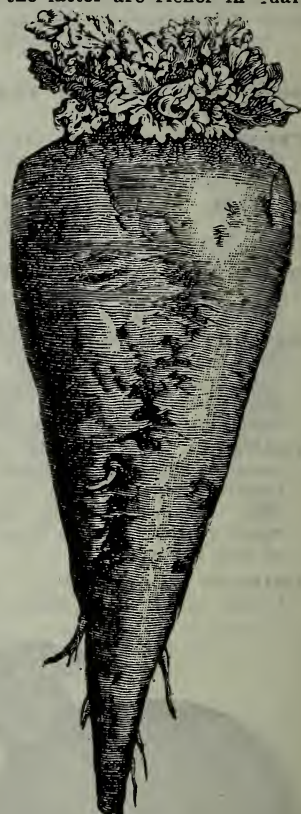
LANE'S IMPERIAL SUGAR

MAMMOTH LONG RED (Dig-nity). This is truly a mammoth, a single root often weighing 30 pounds. Enormously productive, smooth and regular in shape, with a small top. They grow half above ground, and are easily harvested.

GOLDEN TANKARD. A superior strain of golden fleshed mangel; roots half long and very large. It is particularly rich in milk-producing qualities. It is very easily pulled; exceedingly hardy.

GIANT HALF SUGAR MANGEL. The roots of this new mangel are more valuable, pound for pound, than those of the best strains of sugar beets, supplying food of very much higher nutritive value and not only are they of better quality but they yield more than twice as much. The roots grow partly out of the ground which renders the harvesting of the crop very easy. Every progressive farmer should try this new food.

For prices see top of page.

MAMMOTH LONG
RED MANGEL WURZEL

KLEIN'S WANZLEBEN SUGAR

KLEIN'S WANZLEBEN SUGAR BEET. This is considered the most desirable variety for sugar. It is also desirable for feeding to stock. The roots, while rather shorter than some varieties, are thicker in diameter, and yield an immense crop on rich land. The largest diameter is at, or just below, the surface of the soil, then tapering rather quickly.

LANE'S IMPERIAL SUGAR.

This beet grows to a large size, will yield almost as much in bulk as the best mangels, and contains a large percentage of sugar. The roots are smooth, broad at the shoulder and gradually taper to the base. They grow with a considerable portion above the soil, and are easily harvested. Gray top, whitish-green skin, with crisp snow-white flesh.

RIVENHALL GIANT YELLOW GLOBE. This is the cleanest growing, heaviest cropping and longest keeping globe variety in cultivation. Notwithstanding its great size it produces only a small top with a single tap root.

For Corn Saver, the new hog beet, see page 9.

Ready for the table in from
100 to 160 days from seed,
according to varieties.

CABBAGES

KOPF KOHL, oder KRAUT

1 ounce to 5,000 plants, 2
ounces to transplant for
an acre.

For early summer use sow in hotbed in February or March. Before transplanting to the open ground they should be hardened off by exposing them gradually to the night air. For winter use sow in open ground in May or June, taking care in either case not to let the plants stand too closely, as this makes them "spindling." When five or six inches high, transplant in rows two feet apart one way, and 12 to 18 inches the other, according to variety, burying to the first leaf, whatever the stem length. Hoe frequently, drawing the earth up about the plants until they begin to head.

EXTRA EARLY VARIETIES

EARLY SPRING. The earliest, flat-headed variety. A wonderful compact plant with few outer leaves. Ready for use as soon as Earley Jersey Wakefield. The head is oval and very large for the size of the plant, nearly equaling many of the later kinds. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.60 postpaid.

EXTRA EARLY EXPRESS. (Lightning.) Pointed, hard heads of good size; a week earlier than Jersey Wakefield. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.60; postpaid.

EARLIEST ETAMPES. (Earliest of All.) Extremely early, with small, quite solid, pointed heads; excellent quality. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; postpaid.

EARLY YORK. Very early; small heart-shaped heads. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; postpaid.

EARLY JERSEY WAKEFIELD. Most gardeners depend upon it for the bulk of their extra early crop. Heads conical, very compact, solid and of excellent quality. Pkt., 5c; oz., 20c;



EARLY JERSEY WAKEFIELD

EARLY WINNIGSTADT. One of the best, being very hardy and sure to head; suffers less from the cabbage worm than any other sort; heads regular, conical, very hard and keep well. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.60; postpaid.

SECOND EARLY OR SUMMER VARIETIES

EARLY DWARF FLAT DUTCH. An early cabbage of good size. Heads are flat and very solid. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; postpaid.

EARLY DRUMHEAD. A fine strain; of dark bluish-green color, plant very hardy; compact, flat head. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.40; postpaid.

EARLY SUMMER. A popular sort; producing large solid heads of fine quality; keeps longer

without bursting than most any sort. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.60; postpaid.

ALL HEAD EARLY. The heads are deep through, extra solid, uniform in color, form and size. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; postpaid.

ALL SEASON. (Vandergaw.) Growing so quickly the large, solid heads are very tender and of the finest quality. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; postpaid.

LATE OR WINTER VARIETIES



PREMIUM LATE FLAT DUTCH

SUREHEAD. This cabbage never fails to make a fine solid large head, with few outer leaves. It is a vigorous grower, maturing late. First-class main crop variety. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; postpaid.

THE LUPTON. This variety is one of the best for main crop, combining the best qualities of the second-early and the late sorts. It is also one of the best keepers. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.00; postpaid.

PREMIUM LATE FLAT DUTCH (Selected Strain). The great cabbage for fall and winter. The large, oval solid heads are flattened and of splendid quality. Will keep in the best condition for a long time. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; postpaid.

LARGE LATE DRUMHEAD. A favorite winter variety; extra large, solid heads; slightly later than the Flat Dutch. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; postpaid.

FILDERKRAUT. Has an elongated cone-shaped head, very solid and compact, and very white. Rather late; keeps well for some time in winter. Best for sauerkraut. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.85; postpaid.

HOLLANDER (Danish Ball Head). Hardest heading variety known. Remarkable for great weight and long-keeping qualities. The heads are of medium size, exceedingly tender, crisp, solid, with no waste heart. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.85; postpaid.

RED DUTCH. A deep red or purple, solid head, fine for salad or pickling. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; postpaid.

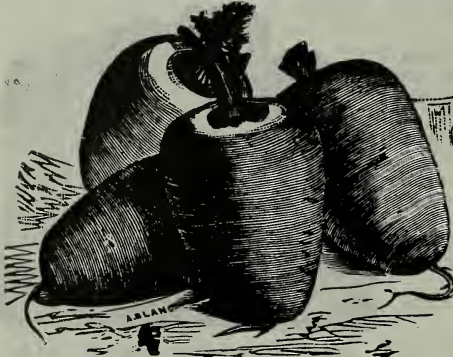
Ready for table in from 95 to 120 days from seed, according to variety.

CARROTS

CARROTTEN MOHREN

1 oz. to a row 100 feet long. $2\frac{1}{2}$ lbs. per acre.

Any good land, if thoroughly and deeply worked, will produce satisfactory crops. Sow as early as the ground can be worked, sow the smaller kinds in rows 16 to 18 inches apart. For field culture sow in drills 18 to 24 inches apart. Cover one-half to one inch deep and see that the soil is pressed firmly above the seed. Do not let the weeds get a start. Thin to three to six inches apart in the rows as soon as the plants are large enough. For winter use gather and store like turnips.



GUERANDE OR OX HEART

EARLY FRENCH FORCING. A valuable forcing variety, with short, stubby roots.

SCARLET HORN. Very small and early. A rich, deep orange in color, fine grained, of sweet flavor, succeeding well in shallow soil. Desirable for bunching.

CHANTENAY. A choice variety, longer than the Scarlet Horn, and a little broader at the top. The flesh is a beautiful rich orange color, and of the finest quality.

DANVER'S HALF LONG POINTED. It is of a rich, dark orange color; very smooth and easier to dig than most carrots.

OX HEART or GUERANDE. (See cut.) A thick carrot, five inches long and very blunt at the lower extremity. It grows very rapidly, and the roots attain a weight of more than a pound. It is tender, of good flavor and of a deep red color, and is a variety we can recommend to all market gardeners.

HALF LONG SCARLET NANTIES. The leaves are fine, the roots are almost cylindrical, very smooth, of good shape and size, and about six inches long; the flesh is red and very sweet. They are easily pulled and keeps well. A most excellent sort.

HALF LONG STUMP ROOT. The tops are of medium size, roots deep orange, large, tapering to a dull point. Smooth, crisp and tender.

IMPROVED LONG ORANGE. Large, smooth, and of rich orange color. A good keeper, of fine quality for table use, and highly nutritious for stock.

Price of all Carrots: Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.35. Very short crop.



HALF LONG STUMP ROOT

THREE GOOD BOOKS

Amateur Fruit Growing, by Samuel B. Green. A practical guide to the growing of fruit for home use and the market, written with special reference to a cold climate. Illustrated. 134 pp., price, 12 mo. cloth, 50c; paper 25c.

Vegetable Gardening, by Samuel B. Green, 10th edition. A manual on the growing of vegetables for home use and market. Profusely illustrated. 252 pages, price, 12 mo. cloth, \$1.00; paper, 50c.

Weeds and How to Eradicate Them, by Thomas Shaw. Giving the names of the most troublesome weed pests east and west and successful methods of destroying them. Price, 16 mo. cloth, 210 pp., 50c; paper, 25c.

SOW IN APRIL OR MAY

CARROTS FOR STOCK

4 to 6 lbs. to the Acre

These are undoubtedly the most valuable of all the roots usually grown for stock. They are more nutritious than turnips and nearly all animals like them and are benefited by them.

LARGE YELLOW or VICTORIA. Largest, heaviest cropping and most nutritious variety in cultivation; roots fine, of light orange color, and possessing high feeding properties; good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 65c; postpaid.

LARGE WHITE BELGIAN. Grows one-third out of the ground. Roots pure white, green above ground with small top. Flesh rather coarse. The roots grow to a large size. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 65c; postpaid.

CRESS OR PEPPERGRASS

Ready in from 21 to 40 days. Cress should be sown in a sheltered spot quite thick in shallow drills, in a short time it will be fit for cutting. Sow frequently as it matures very rapidly.

EXTRA CURLED. This small salad is much used with lettuce. The warm, pungent taste makes a most agreeable addition. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; postpaid.

WATER CRESS. Hardy, perennial, growing readily on the banks of streams or ponds. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 30c; postpaid.



CRESS OR PEPPERGRASS



Cauliflower

BLUMEN KOHL

1 OZ. TO
5,000 PLANTS

(For Cauliflower plants see page 16.)

These need a deep, rich, moist soil, and require the same treatment as cabbages. For early summer varieties, seed should be sown in hotbed early in March, transplant when weather is warm. For late or autumn varieties, sow in March or April transplant in June; hoe often.

EXTRA EARLY ERFURT. Head of good size, white and compact. Early and desirable. Pkt., 5c; ½ oz., 90c; oz., \$1.60; postpaid.

EARLY SNOWBALL. (Extra Selected.) This very superior strain is noted for producing early plants of dwarf habit, short, compact growth, and uniform shape. It is extremely hardy and one of the surest to make a solid head. For forcing or planting in open ground no other variety can surpass it. Good for early, second early, and late planting. Pkt., 5c; ½ oz., \$1.35, oz., \$2.50; postpaid.

Ready for table
in 160 to 175 days
from seed.

Celery

SELLERIE

1 ounce to 3,000
plants or 200 feet
of drill.

(Grow your own Celery. (For Celery Plants see page 16.)

Sow the seed (which is slow to germinate) in shallow boxes, or hotbed, cover the seed not too deep. Keep the bed moist, almost wet, until the seeds germinate. When about two inches high, thin out and transplant so that they may stand three inches apart, when the plants are four inches high, cut off the tops, which will cause them to grow stocky. The essentials to success in celery growing are rich soil and plenty of water. The best results are usually obtained from setting about the middle of June or the first of July. In setting, prepare broad trenches about six inches deep and four to six feet apart, in which the plants should be set six inches apart, cutting off the outer leaves and pressing the soil firmly about the roots. Cultivate freely. Earth up a little during the summer, keeping the leaf stalks close together, so that soil cannot get between them. Finish earthing up in autumn, and never hoe or earth up when plants are wet, as this would be likely to cause them to rust or rot.

To keep celery for winter, dig trenches a foot wide and as deep as the tops of the plants. Stand celery in these erect, with what dirt adheres to the roots, packing closely, but not crowding. It should be covered with straw or leaves a little at a time, as the cold becomes greater. Celery will bear a good deal of frost.

GIANT PASCAL. One of the best for fall and winter use. The stalks are very large, solid, crisp and of a rich, nutty flavor. It blanches very easily and quickly. The heart is golden yellow, very attractive. Pkt., 5c; oz., 20c; ¼ lb., 50c; postpaid.

CELARIAC GIANT PRAGUE. The roots of this celery are turnip-shaped, large and smooth; are almost round and with a very few side roots. Sweet and tender and may be cooked like turnips or eaten like radishes; used largely for seasoning meats and soups. Pkt., 5c; oz., 20c; ¼ lb., 50c; postpaid.

GOLDEN SELF-BLANCHING. This is without doubt the best celery for general use, the ribs are perfectly solid, crisp, brittle and of delicious flavor, while it has the decided merit of being self-blanching to a very remarkable degree. The heart is large, solid and a beautiful rich, golden yellow. It is decidedly the best keeper of all the self-blanching varieties. Pkt., 5c; oz., 25c; ¼ lb., 90c; postpaid.

GIANT GOLDEN HEART. This variety attains a large size, but still remains crisp and tender. It is a fine keeper and a favorite for market. Pkt., 5c; oz., 15c; ¼ lb., 45c; postpaid.



WHITE PLUME

SOUP or FLAVORING CELERY. (Old seed.) Used for flavoring soups, stews, etc. oz., 5c; ¼ lb., 12c; lb., 30c; postpaid.

WHITE PLUME. (See cut.) A variety specially adapted to cultivation by amateurs, as its inner stalks and leaves are naturally white. By simply tying up the stalks and drawing up the soil with the hoe the work of blanching is complete. It is tender, crisp and of good flavor. The earliest celery in cultivation, but will not keep longer than Christmas. Pkt., 5c; oz., 20c; ¼ lb., 50c; postpaid.

SNOW WHITE. A pure white variety. It is vigorous in growth, rich in flavor and crisp; grows solid on all kinds of soil, and is an excellent keeper. Pkt., 5c; oz., 20c; ¼ lb., 60c; postpaid.

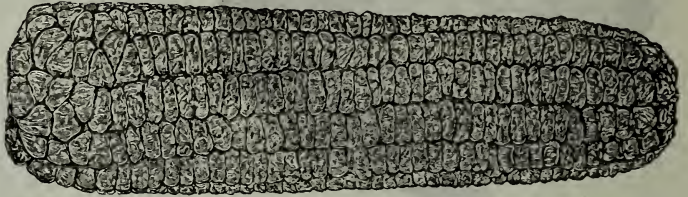
"CELERY CULTURE" by W. R. Beattie. A practical guide for beginners and a standard reference of great interest to all celery growers. Complete for the amateur, market gardener or shipper. Fully illustrated. 150 pages, cloth 50c.

CORN--Sweet or Sugar

ZUCKER MAIS

For prices in larger lots see our Market Gardeners' Price List. Sent Free.

1 quart to 200 hills; 8 to 10 quarts to the acre. In an average season from planting to first fair picking is from 55 to 85 days, according to variety.



Sweet corn being liable to rot in cold, wet ground, should not be planted before May, or until the ground has become warm; practically nothing is gained in time, and much is lost in quality by planting too soon. To have the finest sweet corn it must be picked in just the right condition, that is when the skin of the grain breaks at the slightest puncture, and planting could be made every two weeks to have a supply at this stage. Plant in rich ground in hills three feet apart each way, covering about half an inch, and thin out to three plants to a hill. The extra early varieties can be planted closer. Give frequent and thorough but shallow cultivation until the tassels appear.

PEEP O' DAY. The two points of this new corn are its extraordinary earliness and sweetness. It is also very productive, the stalks bearing from two to five ears each, are very dwarf, which admits of their being planted close together. Pkt., 5c; pt., 15c; qt., 30c; 2 qts., 55c; postpaid.

EARLY EVERGREEN. Very similar to Stowell's Evergreen; somewhat smaller; ripens about ten days earlier. Pkt., 5c; pt., 15c; qt., 30c; 2 qts., 55c; postpaid.

ADAM'S EXTRA EARLY. Not sugar corn; small ears for early use. Pkt., 5c; pt., 15c; qt., 27c; 2 qts., 50c; postpaid.

EARLY CORY. (Red Cob.) This is still the earliest sweet corn. Ears six inches in length with eight rows of grains. The cob is red, and ripe grains tinged with amber. Pkt., 5c; pt., 15c; qt., 30c; 2 qts., 55c; postpaid.

MAMMOTH WHITE CORY. Nearly as early but larger than Early Cory. The ears are twelve-rowed; grains are broad, very white and of excellent quality for an early sort. Pkt., 5c; pt., 15c; qt., 30c; 2 qts., 50c; postpaid.

CROSBY'S EARLY. Remarkably early and of the best flavor. Ears of medium size, twelve-rowed, with grains very tender and sweet. Pkt., 5c; pt., 15c; qt., 30c; 2 qts., 50c; postpaid.

EARLY CHAMPION. Only a few days later than the extra earlies, bearing large, handsome twelve-rowed ears. Deep, white, plump grains of milky tenderness and very sweet. Very productive. Pkt., 5c; pt., 15c; qt., 30c; 2 qts., 50c; postpaid.

GOLDEN BANTAM. Extremely hardy, can be planted earlier than any other true sweet corn, thus producing the earliest supply. Ears 6 inches long, with 8 rows of grains, which are a golden yellow when ready for use. Can be planted thickly, and every stalk should have from 2 to 3 perfect ears. Pkt., 5c; pt., 15c; qt., 30c; 2 qts., 55c; postpaid.

STOWELL'S EVERGREEN. The standard main crop variety. It is hardy, large-growing and productive, very tender and sugary, remaining a long time in condition suitable for boiling. Pkt., 5c; pt., 15c; qt., 30c; 2 qts., 50c; postpaid.

EARLY MINNESOTA. One of the best early sort for the market or private garden. Stalks four to five feet high and bearing one to two long, eight-rowed ears; kernels very broad, sweet and tender, not shrinking much in drying. Pkt., 5c; pt., 15c; qt., 30c; 2 qt., 50c; postpaid.

BLACK MEXICAN. Medium early, about six feet in height, with one or two fine ears eight inches in length, with eight rows of large grains, which when in condition for the table cook remarkably white, but the ripe grain is black or bluish-black. It is surpassed by none in tenderness. Pkt., 5c; pt., 15c; qt., 30c; 2 qt., 55c; postpaid.

COUNTRY GENTLEMAN. (Shoe Peg.) This variety has a small cob densely covered with irregular rows of very long, slender grains of fine quality. Pkt., 5c; pt., 15c; qt., 30c; 2 qts., 55c; postpaid.

MAMMOTH SUGAR. Produces the largest ears of any sort; excellent quality, sweet, tender and delicious; late variety. Pkt., 5c; pt., 15c; qt., 30c; 2 qts., 50c; postpaid.

SWEET CORN FOR FODDER. A mixture for green feed or to cure for winter. Pt., 10c; qt., 20c; postpaid. By freight 75c peck.

POP CORN

WHITE RICE. A prolific variety. Ears short; kernels long, pointed and white. Probably no variety of pop corn is superior to this for parching. Pkt., 5c; lb., 20c; postpaid.

QUEEN'S GOLDEN. The largest of all Pop Corns. The stalk grows five to six feet high, and bears two or three large ears each. It is yellow, but pops creamy white, and of excellent quality. Pkt., 5c; lb., 20c; postpaid.

Ask for prices on Pop Corn in large lots.

CORN SALAD

(Feldsalat.) A small, hardy plant, used during the winter and spring months as a substitute for lettuce; also cooked like spinach. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c; postpaid.

CUCUMBERS

GUERKEN

As soon as the weather becomes settled and warm, plant in hills 4 to 6 feet apart each way, with 8 or 10 seeds in a hill; cover half an inch deep, smoothing the hill off with the hoe. Keep the soil well stirred, and when the plants are out of danger of insects, leave 3 or 4 plants to a hill. For pickles, plant from 1st of June to 1st of August. The fruit should be gathered when large enough, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground.

A GOOD SCHEME. Put in a second row of seed a few inches from your first cucumbers when they begin to run. The bugs prefer young plants. Your earliest plants are thus protected and those of later planting that escape the bugs will prolong the pickle season.

DAVIS PERFECT. This Cucumber has the merit of being not only a first-class variety for forcing under glass, but is equally as good for outdoor culture. The color is a dark, glossy green; in shape it is smooth and symmetrical with an average length of ten to twelve inches. It is very tender and of exceptionally good flavor. For shipping it is unsurpassed. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; postpaid.



DAVIS NEW PERFECT CUCUMBER (FIELD RUN)



WHITE SPINE

EARLY RUSSIAN. One of the earliest; the fruit is small and produced in pairs. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.

EARLY CLUSTER. A short, pale green variety; fruit borne in clusters near the root, containing few seeds. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.

EARLY FRAME OR SHORT GREEN. Excellent for table use and for pickling. Fruit straight, smaller at each end; bright green flesh tender and crisp. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.

IMPROVED EARLY WHITE SPINE. (See cut.) For forcing it is preferred to all others. Flesh tender and crisp. Fruit uniform in size, straight and light green, with a few white spines. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.

BOSTON PICKLING OR GREEN PROLIFIC. One of the best pickling varieties; dark green, tender, crisp, and productive. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.

IMPROVED JERSEY PICKLING. A standard small variety, dark green, tender, crisp, productive, of fine flavor and uniform size. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.

IMPROVED LONG GREEN. A well known standard, main crop variety, about nine inches long, of excellent quality, and makes the best of pickles. Vines vigorous and very productive. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.

JAPANESE CLIMBING. The vines can be trained to climb, thus requiring less ground space. The cucumbers are thick, tender, and of delicate flavor, flesh white; skin dark green, turning to brown and netted when ripe. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.

EVERBEARING. Small, very early and productive; solid, few seeds and of fine quality. It continues to bear until frost. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.

NEW ENGLISH FORCING (Rochfords). They grow 15 inches long under glass. Pkt., 10 seeds 10c; 125 seeds, \$1.00.

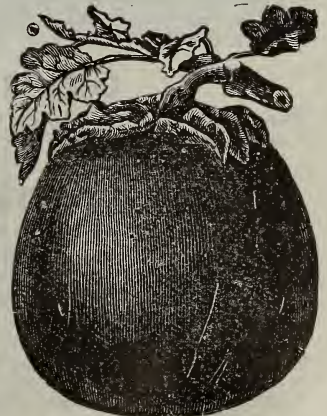
EGG PLANT

EIERFLANZE

1 oz. to 1,000 plants. Ready for table in 145 to 160 days.

A tender plant, start early in hotbed or in the house. Plant out early in June, care being necessary to prevent plants being chilled by the change.

IMPROVED NEW YORK PURPLE, SPINELESS. The standard for home and market. Fruit very large, productive and of the highest quality. Pkt., 5c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; postpaid.



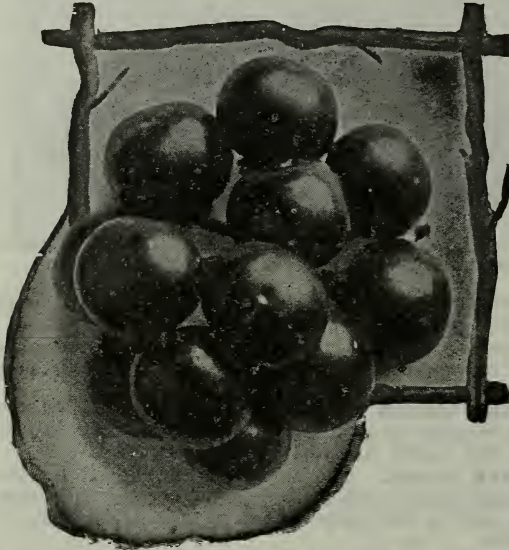
ENDIVE**ENDIVIEN**

Ready for table in 43 to 50 days from seed. 1 oz. to 100 feet of drill. One of the best autumn and winter salads. Sow from June until August, ½ inch deep in drills 14 inches apart and thin out to 1 foot apart in rows. When nearly full grown bleach by tying the tips of the leaves together.

GREEN CURLED. Large and well adapted to this soil and climate. Pkt., 5c; oz., 15c; ¼ lb., 40c; postpaid.

MOSS CURLED. Leaves very finely curled. Pkt., 5c; oz., 15c; ¼ lb., 40c; postpaid.

WHITE CURLED. Very tender when cut young; blanches readily. Pkt., 5c; oz., 15c; ¼ lb., 40c; postpaid.

**GARDEN HUCKLEBERRY****A New, Heavy Yielding Garden Berry**

We could not supply the demand for these last year. Send your order early.

This new fruit can be grown from the seed the first year and produces about as large as a grape; the color is jet black, and when cooked can scarcely be discerned from the real huckleberry. Plant and cultivate same as tomatoes. Do not eat green. Berries make splendid pies, jelly and sauce. Parboil a few minutes in soda water, using about 1 teaspoon soda to 1 lb. of fruit. After pouring off this water add sugar and cook slowly for several hours; a little vinegar or lemon juice improves the flavor. Very desirable while waiting several years for hardy fruits to come into bearing, or in dry climates where the ordinary small fruits do not succeed. Pkt., 5c; oz., 25c.

GARLIC

The sets should be planted in spring. Cultivate same as onions. Sets, per oz., 5c; ¼ lb., 15c; lb., 40c; postpaid.

KALE or BORECOLE**BLAETTER KOHL**

Ready for table in 100 to 130 days.

1 oz. to 300 feet of drill, and makes 5,000 plants. Sow about April 15 in well prepared soil, covering the seeds thinly. Cultivate like cabbage. Much improved by freezing.

TALL GREEN CURLED. About two feet high with numerous dark green curled leaves. Pkt., 5c; oz., 10c; ¼ lb., 25c; postpaid.

DWARF GERMAN. (German Greens.) The leaves are curly, bright green, very tender, and delicate flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; postpaid.

**KOHLRABI****KOHLRABI**

1 oz. to 300 ft. drill and makes 3,000 plants. A vegetable intermediate between the cabbage and turnip. The edible bulb is served like turnip. Sow from May to July in rows 18 inches apart, and thin. Cultivate the same as cabbage.

EARLIEST SHORT LEAVED WHITE VIENNA FORCING. This variety is especially adapted for early work and forcing; delicate flavor, flesh white and very tender.

Pkt., 5c; oz., 25c; ¼ lb., 75c; postpaid.

EARLY WHITE VIENNA. A favorite sort; flesh white and tender. Pkt., 5c; oz., 20c; ¼ lb., 50c; postpaid.

EARLY PURPLE. Purple outside with white flesh. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.75; postpaid.

HERBS

Herbs delight in a rich, mellow soil. Those marked with a * are perennial. Sow early in spring in shallow drills, one foot apart; when up a few inches thin out; cut just before they come into full blossom, tie in bunches and hang up or spread thinly.

DILL. Leaves and seed are used in soups, sauces and pickles. Pkt., 5c; oz., 10c; ¼ lb., 20c; postpaid.

***LAVENDER.** (Lavendel.) Aromatic, medicinal herb. Pkt., 5c; oz., 20c; ¼ lb., 60c; postpaid.

***MARJORAM, SWEET.** (Majoran.) Leaves and shoots for seasoning. Pkt., 5c; oz., 20c; ¼ lb., 60c; postpaid.

***SAGE.** (Salbei.) Most useful herb for seasoning. Pkt., 5c; oz., 15c; ¼ lb., 40c; postpaid.

SUMMER SAVORY. (Bohnenkraut.) Used for flavoring soups. Pkt., 5c; oz., 15c; ¼ lb., 40c; postpaid.

***THYME.** (Thymian.) For medicinal use. Pkt., 5c; oz., 50c; ¼ lb., \$1.50; postpaid.

LEEK**LAUCH**

1 oz. to 100 feet of drill, and makes 1,500 plants. Succeeds best in light, rich soil. Sow early in drills 1 inch deep and 1 foot apart. When 6 inches high, transplant in rows 10 inches apart each way, as deep as possible, that the neck may be bleached.

**AMERICAN FLAG**

AMERICAN FLAG. An old favorite: large with broad leaves growing only on two sides; enormous size; best for forcing; excellent keeper. Pkt., 5c; oz., 15c; ¼ lb., 40c; postpaid.

MINT

The old-fashioned mint has been growing in favor of late years. Used in flavoring meats, etc., also for mint sauce. Easily grown. We offer only the roots. Per clump, 10c; 3 for 25c; postpaid.

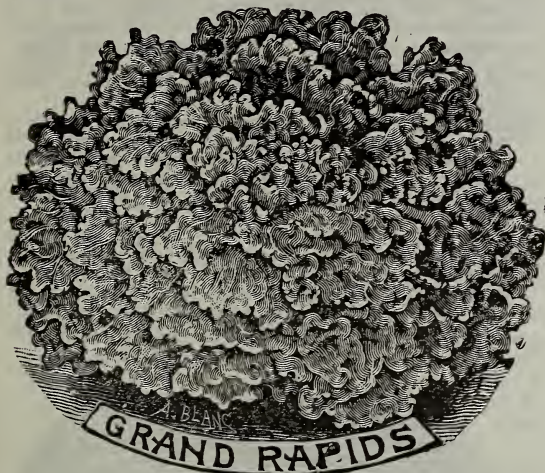
Fit for use in 3 or 4 weeks, marketable size, 60 to 75 days from seed.

LETTUCE

LATTICH SALAT

1 OUNCE TO 400 FEET OF DRILL

Lettuce thrives best in a light, very rich, moist soil, but does well in common garden soil enriched with rotten manure. For first crop sow in gentle heat in February, and transplant to 10 inches apart. It may be sown thickly and cut when plants are very young. For a summer supply sow thinly in shallow drills in a cool, partially shaded place, in rich soil, and thin out to a foot apart. w. s., white seed; b. s., black seed.



Curled or Loose-Leaved Varieties

GRAND RAPIDS. As a lettuce for greenhouse forcing, this variety undoubtedly stands at the head of the list, being of quick growth, little liable to rot and standing for some days after being fit to cut. The plant is upright and forms a loose cluster of large, light leaves. It is useful also for outdoor planting. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.

SIMPSON'S EARLY CURLED. w. s. Leaves broad, frilled and blistered. Light green, sweet, tender, and well flavored. An early, erect growing sort. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c; postpaid.

BLACK SEEDED SIMPSON. The leaves are large and form a compact mass. They are thin, tender and of a very light green color. Well adapted for growing under glass or for very early spring use. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c; postpaid.

EARLY PRIZE HEAD. Forms a mammoth plant, in which even the outer leaves are crisp and tender; color bright green tinged with brownish red. It is of superb flavor and very hardy. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c; postpaid.

EARLY CURLED SILESIA. An early, erect growing and loose heading lettuce, especially adapted for outdoor planting, and can be used when very young. Exceedingly sweet and well flavored. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c; postpaid.

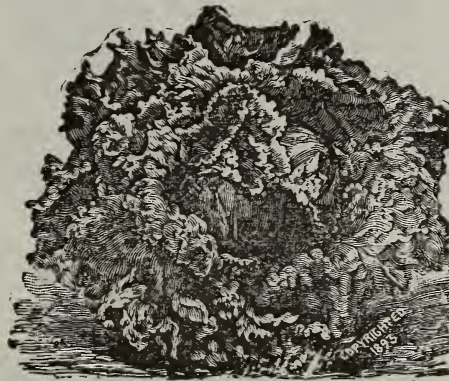
Cabbage or Heading Varieties

The best results with head or cabbage sorts is only obtained when the plants are transplanted several times.

HANSON. Forms a large, flat head, resembling that of cabbage and so slow to form a seed stalk that it often fails to seed at all. Very tender and sweet. A standard summer heading lettuce. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c; postpaid.

DENVER MARKET. An early variety of Head Lettuce, either for forcing or open ground. It forms large heads, of good light green color. The leaves are blistered (like the Savor Cabbage), very crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c; postpaid.

ICEBERG. Makes a large, handsome, crisp head, conical in shape, tightly folded and well blanched; outer leaves fringed. Very highly esteemed for its beautiful appearance and mild flavor, even during hot summer months. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.



ICEBERG

Mustard

1 oz. to 75 feet of drill

Very hardy. Seed can be sown as soon as the soil is free from frost, in shallow drills. Cut when a few inches high. It grows rapidly, and several sowings may be made.

CHINESE. The immense leaves grow rapidly, and can be cut frequently until killed by frost. Leaves are eaten boiled like spinach. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

MAMMOTH SOUTHERN CURLED. The large curled-leaf variety, popular in the South, where the seed is sown in the fall for spring use. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.



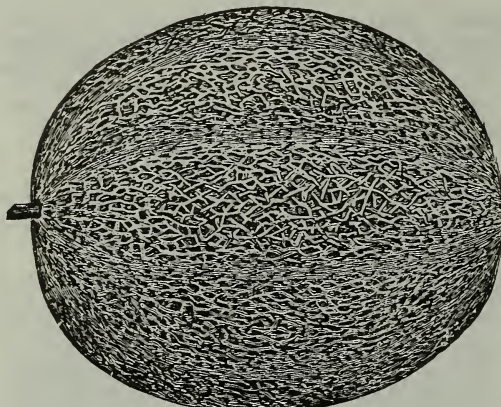
WHITE. A small pungent salad; the seed is also used for flavoring pickles, etc. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 45c; postpaid.

Earliest varieties ready in 90 to 100 days from sowing. General crop requires 115 to 140 days.

Muskmelons

ONE OUNCE TO 50 HILLS; 2 TO 3 POUNDS PER ACRE.

Melons thrive best in a light rich soil. Plant when the ground has become warm and dry, and danger from frost is past, in hills 6 feet apart each way in well enriched soil. 12 to 15 seeds in each hill. After all danger of bugs is over thin out to 3 plants per hill. When about three feet long, pinch off the tips to make them branch, and the fruit mature earlier. G. Green Flesh. S. Salmon Colored Flesh. Y. Yellow Flesh.



THE GRAND

GRAND. This is a most excellent new Muskmelon introduced for the first time last year. It is of a peculiar rich green color on the outside, slightly ribbed and netted. Its uniformly rich, thick, salmon-colored flesh makes it one of the most favorable fruits for the market ever offered. It is from ten to fourteen days earlier than Osage, and equaling it in flavor. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75; postpaid.

OSAGE, OR MILLER'S CREAM. S. A standard sort, medium size, oval, dark green, netted, and slightly ribbed. The flesh is thick, and firm, rich salmon, highly flavored and delicious to the rind; cavity very small, a remarkable keeper and a good shipper. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; postpaid.

TIP TOP. Y. Every fruit produced, whether big or little, early or late in the season, is a good one—sweet, juicy and fine flavor, firm, but not hard fleshed, eatable to the very outside coating. As a yielder it is not surpassed. Pkt., 5c; oz., 10; ¼ lb., 30c; lb., \$1.00; postpaid.

PAUL ROSE, OR PETOSKEY. S. Small, oval, highly flavored and very sweet.....\$0.5 \$1.0 \$3.0 \$1.00

CHICAGO MARKET. G. Early, large, nearly round, small seed cavity, delicious flavor05 .10 .25 .75

EARLY JENNY LIND. G. The earliest variety; small, round, netted, fine flavored05 .10 .25 .75

EXTRA EARLY HACKENSACK. G. Like Hackensack but ripens about ten days earlier05 .10 .25 .75

HACKENSACK, TURK'S CAP. G. Large, round, flattened; deep ribs, coarse netting05 .10 .25 .75

LONG CANTALOUPE. Y. Skin yellow, not netted; good quality..... .05 .10 .25 .85

NUTMEG. G. Very early, fine quality; fair size, with thick, sweet flesh..... .05 .10 .25 .75

VINE PEACH, VEGETABLE MELON. For preserves or sweet pickles and mangoes05 .10 .35 1.25

BURRELL'S GEM. Very much like the Rocky Ford, but has orange colored flesh. The rind is thin and tough and covered with a close gray netting. The flesh is fine grained and spicy. It is a good keeper. Fruits large and somewhat elongated. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c; postpaid.

EMERALD GEM. Y. A small, very early melon, form globular; skin smooth, dark green. The ribs are marked, flesh very thick, with small seed cavity, and the flavor is sweet and luscious. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; postpaid.

LONG ISLAND BEAUTY. G. Fruits of large size, well flattened, heavily ribbed and netted. Of very handsome appearance, and fine quality. Most highly recommended. It ripens as early and is similar to Hackensack, but superior. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c; postpaid.



ROCKY FORD. G. A small oval melon, slightly ribbed and covered with a coarse netting. The flesh is thick, green, very sweet and juicy, and solid clear to the rind; very early and popular. One of the best for hotel and restaurant use, as well as for the home garden. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c; postpaid.

All Postpaid
pkt. oz. ¼ lb. lb.

Mushroom Spawn

AMERICAN, PURE CULTURE SPAWN. Produced by the new grafting process, from selected and most prolific varieties, has never failed to run. Per Brick enough for 8 square feet, 35c; 5 for \$1.50, by mail, postpaid. By express, at buyer's expense, per Brick, 25c; 6 Bricks, \$1.40; 12 Bricks, \$2.75.



MUSHROOMS. How to Grow Them. The most practical work on the subject ever written. Describes how they may be grown with profit by market gardeners and also how to grow them for home use. 170 pages. \$1.00.

1 ounce to 30 hills;
4 lbs. per acre.

WATERMELON

Ready from 90 to
140 days from
seed.

WASSERMELON

To get good strong vines early in the season, form large, well drained hills of earth, made very rich, about eight feet apart. In these plant the seed as soon as the ground is warm and dry, and carefully protect the young plants from insects, and hasten their growth by the use of liquid manure. ls., light seed; ds., dark seed.

ALABAMA SWEET. ls. A large and attractive Melon, oblong in shape, early in maturing, and very sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c.

BLACK BOULDER. ds. It is enormously productive, nearly round in shape, reaching a mammoth size, with rich dark green skin; flavor equal to any melon, and shipping qualities excellent. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c; postpaid.

COLE'S EARLY. ds. This is a very choice melon for the home garden and can be grown farther north than any other variety. The flesh is bright red, crisp, and very delicate in texture, sweet and refreshing in flavor. It is an abundant bearer, of medium size, but very solid, with thin rind. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c.

CUBAN QUEEN. ds. One of the largest varieties, skin striped dark and light green; heavy cropper; flesh bright red, luscious, crisp, sugary. A favorite melon for home and market. One of the best keepers, and a first rate shipper. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c; postpaid.

DUKE JONES. (Jumbo.) ls. Very large, nearly round, dark green; flesh solid, deep red, and of fine quality. Very productive. A good shipper. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.

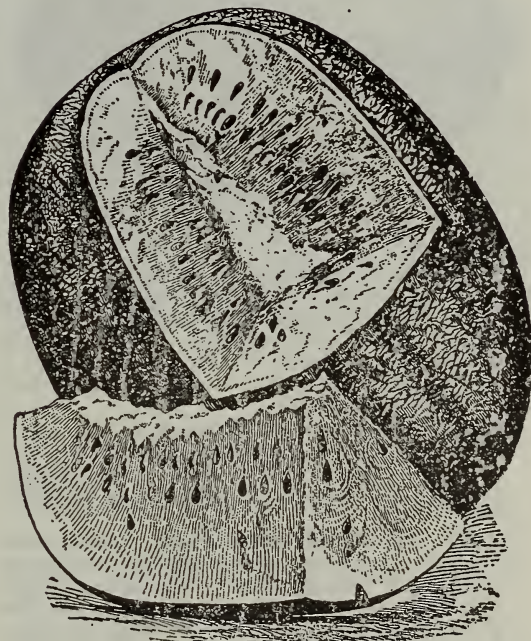
HALBERT'S HONEY. ls. A splendid sort for home use or local market. Vine vigorous and productive; fruit large and oblong; color dark glossy green; flesh very bright, rich red, and exceedingly sweet, extending close to the rind, too crisp and brittle to be a good shipper. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

ICE CREAM. (Peerless.) ls. It is medium in size, almost, round; the skin is a pale green, slightly mottled; flesh bright scarlet, solid to the center, sweet, melting and delicious. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c; postpaid.

KLECKLEY SWEETS. (Monte Cristo.) ls. Large oblong melon, skin dark green. The rind is only about one-half inch in thickness. The scarlet flesh is sweet and sugary and is of such texture that it leaves no strings of pulp in eating. The melon is better for home use than for shipping, and we believe it is the best table melon today. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c; postpaid.

McIVER'S WONDERFUL SUGAR. ls. The melons attain a great weight, are of a very handsome appearance, never crack or lose their fine flavor. It is a very productive and hardy variety and one that will take the lead wherever known; oblong; striped skin Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c; postpaid.

SWEET HEART. ds. Vine vigorous and productive, ripening its fruit early; fruit large, oval, very heavy, uniformly mottled, light and light green; rind thin but firm; flesh bright red, firm and solid, but very melting and sweet. The melons retain their good quality for a long time. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c; postpaid.



SWEET HEART

OTHER STANDARD VARIETIES

Each deserving much more space than we can give it

Large pkt., 5c. Deduct 10 cents per pound if by express.

	All Postpaid		
	Oz.	¼ lb.	lb.
COLORADO PRESERVING CITRON. (Green seed.) For Preserves.....	\$0.10	\$0.20	\$0.85
DIXIE. ds. Fruit oval, large, early, and of fine appearance. Skin dark green, striped, flesh deep scarlet, sweet, tender and juicy.....	.10	.20	.55
FLORIDA FAVORITE. ls. Oblong; mottled dark green with lighter stripes.....	.10	.20	.55
GIPSEY OR RATTLESNAKE. ls. Oblong, dark and striped; bright red flesh.....	.10	.20	.55
GRAY MONARCH (White Icing). ls. Large, long; crimson flesh, light skin.....	.10	.20	.55
IRONCLAD. ls. Large, solid, and of delicious flavor, striped, productive.....	.10	.20	.55
KENTUCKY WONDER. ls. Large, oblong, dark green, red seed and flesh.....	.10	.20	.55
KLOB GEM. ds. Striped, very large and an excellent shipper.....	.10	.20	.55
MOUNTAIN SWEET. ds. Early, fruit large, oval, rind dark green, flesh scarlet, solid dark green skin.....	.10	.20	.55
PHINNEY'S EARLY. ls. Extra early, oblong; flesh pink.....	.10	.20	.55
TRIUMPH. ds. Enormous size, nearly round, dark green, rind thin and firm.....	.10	.20	.55

ONE OUNCE TO 300 FT.
OF DRILL; 4 TO 5 LBS.
TO THE ACRE.

ONIONS

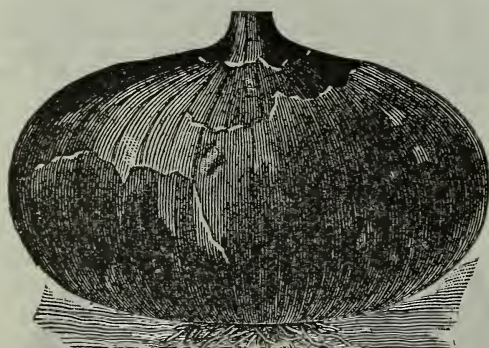
ZWEIBELN

Ready for green onions
in 60 days. Main crop ma-
tures in 130 to 190 days
from sowing.

The onion is most successfully grown in a rich, sandy loam. Continued cultivation upon the same plot of ground, contrary to the general rule, rather improves the crop than otherwise. As early as the ground can be worked in the spring, sow the seeds in drills 14 inches apart, covering half an inch. When the plants can just be seen in the rows, commence hoeing, just skimming the surface. Subsequently weed thoroughly and carefully by hand. When the tops die, pull the onions and spread evenly over the ground; stir or turn until thoroughly dried, then cut the tops off one-half inch from the bulb.

NOTICE

Take off 10c per lb. if seed goes by
freight. Take off 10c per lb. in 5 lb. lots.



RED WEATHERSFIELD.

AUSTRALIAN BROWN. Distinct from all others; is nearly round, wonderfully hard and solid, ripens extremely early; never makes scullions; of medium size, skin a deep amber brown, flesh mild and agreeable. No other onion has such keeping qualities. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10; postpaid.

EXTRA EARLY RED FLAT. Matures very early, yields abundantly, and is of mild flavor; medium size; deep red and solid. Poor keeper. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.35; postpaid.

GLOBE WETHERSFIELD RED. Remarkable for size, earliness, productiveness, beauty of color, perfection of shape, and long keeping qualities. Possesses all the excellent qualities of Red Wethersfield and Yellow Globe Danvers. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25; postpaid.

LARGE RED WETHERSFIELD. This is the standard and favorite variety. Large size, deep, purplish red; flesh purplish white, stronger flavored than lighter varieties. Very productive and an excellent keeper. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25; postpaid.

MAMMOTH SILVER KING. Handsome flat onion of enormous size, silvery white, tender, of a mild sweet flavor. The best keeper among the white varieties. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.20; postpaid.

OHIO YELLOW GLOBE. It is of handsome, bright, even yellow color, with small neck. Ripens early and all at once; the firm, solid bulbs are excellent keepers. It is enormously productive. It is especially recommended for heavy muck land on account of its early maturing qualities. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10; postpaid.

PRIZE TAKER. It is of immense size, nearly a perfect globe, with thin skin of bright straw color. It ripens up hard and fine, and presents a handsome appearance. The flesh is pure white, fine grained, mild and delicate in flavor. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.20; postpaid.

WHITE PORTUGAL. (Silver Skin.) A large flat onion of mild flavor and great beauty; an excellent early ripening sort. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.10; postpaid.

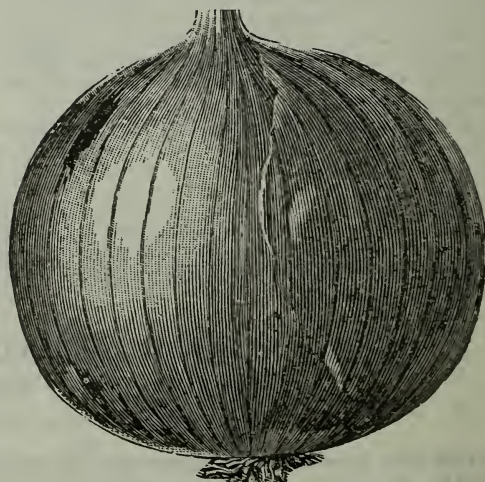
WHITE QUEEN. For pickling; small, flat, pure white; excellent flavor. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.35; postpaid.

SOUTHPORT WHITE GLOBE. Very large, solid and handsome; deep globe. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.10; postpaid.

SOUTHPORT YELLOW GLOBE. Very large, deep globe; skin rich golden yellow; fine keeper. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10; postpaid.

SOUTHPORT RED GLOBE. Large, matures late; a splendid keeper; of fine quality. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25; postpaid.

YELLOW GLOBE DANVERS. A fine productive variety, of medium size, skin coppery yellow, flesh white, comparatively mild and well flavored. Best of keepers. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10; postpaid.



YELLOW GLOBE DANVERS.

ONION SETS

1 quart of sets will plant a row 100 feet long.

	All Postpaid.	pt.	qt.
Red Bottoms.....	\$0.15		\$0.25
Yellow Bottoms.....	.15		.25
White Bottoms.....	.20		.30
Red Tops.....	.20		.30
Winter Tops.....	.10		.20

Write us for prices on onion sets in large lots.

GROWN IN THE FAR
NORTH

PEAS

ERBSEN

1 qt. to 100 ft. of drill
1½ bu. per acre

For first early Peas sow in a light, rich soil, as early in March or April as the ground can be worked; for later varieties, sow in April or May. Discontinue sowing from June to August, after which, by sowing an extra early sort, a good crop can generally be secured. As Peas suffer considerably from drought during the hot summer months, it will be found of great benefit to sow the Peas in a trench six inches in depth, covering the Peas to a depth of two inches. As soon as sufficient growth has been made draw the earth about the vines. In this way a great deal more moisture is kept about the roots than if sown on the level and afterwards hilled up. The wrinkled varieties are not so hardy as the smooth sorts and should be planted later, owing to their liability to rot in the ground, but are much superior in flavor to the smooth Peas. Dwarf varieties sow in rows one foot apart, and taller sorts from 2 to 3 feet apart. Those marked thus * are wrinkled and sweet.

NOTICE

On account of the dry weather there is an almost entire failure of Beets, Carrots, Peas and Parsley. This explains high prices.

Extra Early Varieties

ALASKA. 2 ft. The earliest blue pea, of good flavor, dark green pods, well filled and ripen uniformly. One of the very best for market gardeners. Pkt., 5c; pt., 30c; qt., 45c; postpaid.

***AMERICAN WONDER.** 1 ft. Of the finest quality. Very prolific, with pods of fine size and form; requires no brush or support. It may be planted a week apart for succession. Pkt., 5c; pt., 30c; qt., 50c; postpaid.

***MCLEAN'S LITTLE GEM.** 1 ft. An early dwarf, green, wrinkled pea, of superior flavor and very prolific. Pkt., 5c; pt., 30c; qt., 50c; postpaid.

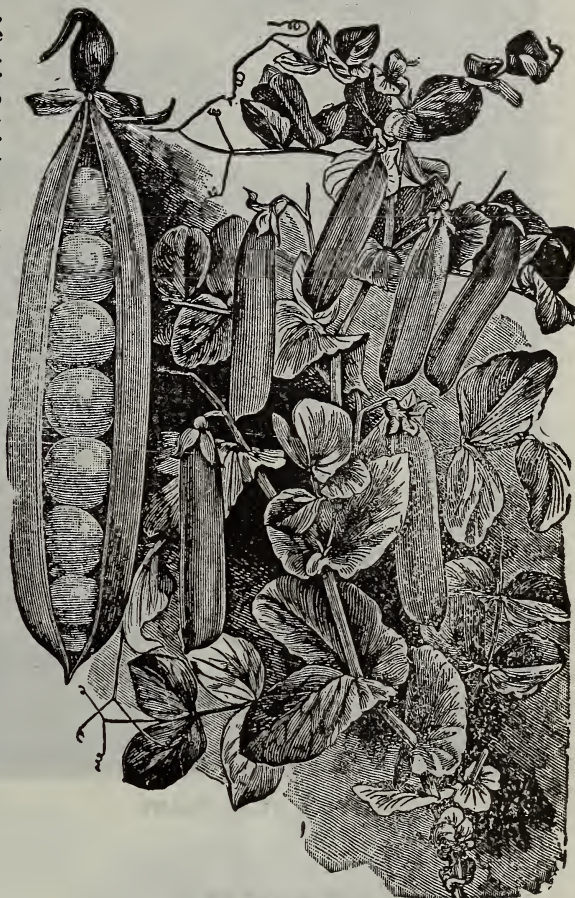
***NOTT'S EXCELSIOR.** 1 ft. Earliest wrinkled pea; of close, compact, dwarf growth. The pods average 3 inches in length, and are well filled to the squared ends with large peas, unusually sweet. It not only yields heavily in pods, but also in shell peas. Pkt., 5c; pt., 30c; qt., 50c; postpaid.

***PREMIUM GEM.** 1½ ft. The pods are large and crowded with six to eight very large peas of fine quality. The seed is green, large, wrinkled, often flattened. Pkt., 5c; pt., 30c; qt., 50c; postpaid.

FIRST AND BEST. 2½ ft. Very early, productive, pods good sized and well filled. A favorite market pea. Pkt., 5c; pt., 30c; qt., 50c; postpaid.

***GRADUS, OR PROSPERITY.** 2½ ft. An extra early wrinkled variety bearing immense pods, large peas of finest quality, superior both in size and delicious flavor. Pkt., 5c; pt., 35c; qt., 60c; postpaid.

TOM THUMB. 9 in. A smooth, white sort, very dwarf. Pkt., 5c; pt., 30c; qt., 50c; postpaid.



NOTT'S EXCELSIOR

Second Early of Medium Variety

***ABUNDANCE.** 2 ft. Long, round, well filled pod, productive, quality perfect. Pkt., 5c; pt., 30c; qt., 50c; postpaid.

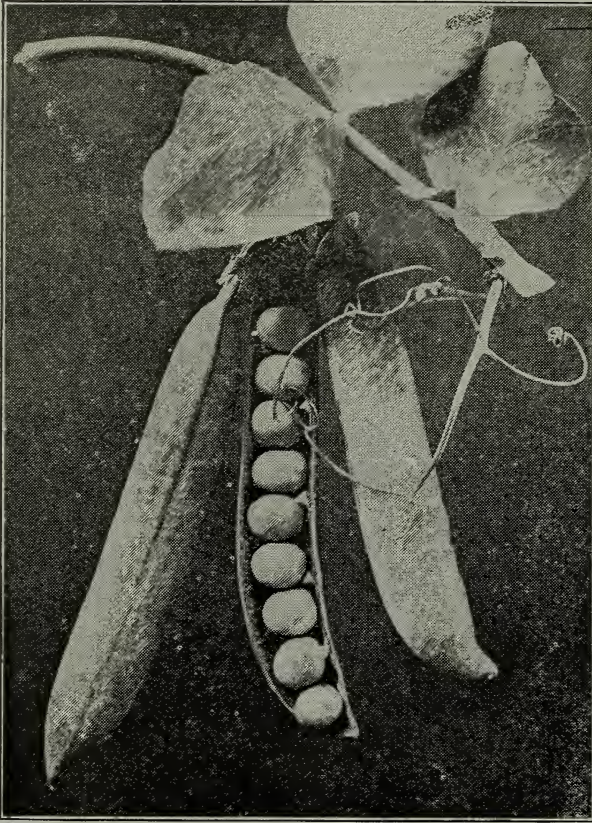
***ADVANCER.** 2½ ft. Long pods which are abundantly produced, and well filled to the end; of excellent flavor. A first-class pea in every respect. Pkt., 5c; pt., 30c; qt., 50c; postpaid.

***EVERBEARING.** 2 ft. Peas are very large, of excellent quality. For continuance and profusion of bearing, this variety is unexcelled, which gives especial value for the late summer and autumn use. Pkt., 5c; pt., 35c; qt., 55c; postpaid.

***HORSFORD'S MARKET GARDEN.** 2 ft. A great favorite with the market gardeners. Pods are large, well filled with large peas of a delicious sweet flavor. A prolific bearer. Pkt., 5c; pt., 30c; qt., 50c; postpaid.

If sent by express at buyer's expense, 8c per pint or 15c per quart may be deducted from above prices.

Late or Main Crop Varieties



CHAMPION OF ENGLAND

For a succession of tall growing varieties plant Gradus, Advancer, Champion of England.

•**CHAMPION OF ENGLAND.** 4½ ft. Vines are heavy, pods large, nearly straight, and well filled with tender peas, which are sweet and of excellent quality. It is a profuse bearer, most reliable late sort. Pkt., 5c; pt., 30c; qt., 50c; postpaid.

•**TELEPHONE.** 4 ft. Immensely productive. The pods are very large, so well filled with peas of excellent quality that Telephone has become one of the most prominent late peas to be grown for market. Pkt., 5c; pt., 30c; qt., 50c; postpaid.

•**IMPROVED STRATAGEM.** 2 ft. Vines of strong growth with large foliage; do not need any support. Pods of large size, well filled with large, dark green peas of rich, sweet flavor. One of the very finest. Pkt., 5c; pt., 30c; qt., 50c; postpaid.

WHITE MARROWFAT. 4 ft. Vines are very robust. Bears many pods, always well filled. The peas are of only ordinary quality. Pkt., 5c; pt., 20c; qt., 35c; postpaid.

MELTING SUGAR. This is the best of the edible podded peas. The pods grow about 5 to 6 inches long, are stringless and very tender, and may be used the same as a snap bean; 3 to 4 ft. Pkt., 10c; pt., 30c; qt., 45c; postpaid.

CANADA FIELD AND COW PEAS. (See Forage Plants, page 4.)

•Wrinkled and Sweet.

Parsnips

PASTINAKE



1 oz. to 100 feet of drill, 5 or 6 lbs. per acre. Matures 125 to 140 days from seed.

Sow in April or early May. Cultivate the same as carrots. They may be dug in the autumn and stored for winter use, but if left in the ground till spring are very much improved in flavor. Sow a liberal quantity of seed, as from its nature it does not always come up well.

HOLLOW CROWN. Standard variety; roots long, very smooth; white, tender, sugary, and of excellent flavor. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c; postpaid.

IMPROVED GUERNSEY. (Improved Half Long.) The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. Very smooth, the flesh fine grained

and of excellent quality. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c; postpaid.

Okra or Gumbo

ESSBARER SAFRAN

1 oz. to 40 feet of drill. Ready for table in from 90 to 105 days from seed.

The pods when young are used in soups, stews, etc. The plants are of the easiest culture. Sow at the usual time for all tender vegetables, in drills two inches deep, setting the plants 2 feet apart.

IMPROVED DWARF. An early variety, pods comparatively short but very numerous. Pkt., 5c; oz., 15c; ¼ lb., 25c; postpaid.

WHITE VELVET. Pods round, smooth, large and attractive; produced in great abundance. Pkt., 5c; oz., 15c; ¼ lb., 25c; postpaid.

Peanuts

Culture very simple. Plant in light, sandy soil in April, in pod or shelled, two to a hill on level ground. Hill up from time to time as required. Pkt., 5c; lb., 25c; postpaid.

Woods Co., Okla., Mar. 13, '11.

I wish to say that we are well pleased with your seeds, as they do well in this locality, and we recommend them to our neighbors.

VIRGIL A. WALKER.

PARSLEY

PETERSILLIE

1 oz. to 150 feet of drill.

**CHAMPION MOSS CURLED PARSLEY****NOTICE**

On account of the dry weather Beets, Carrots, Peas and Parsley are almost entire failures. This accounts for high price.

Soak the seeds a few hours in lukewarm water and sow early in the spring in drills one foot apart. Thin out to four inches. A few seeds sown in onion rows use no space. To preserve in winter, transplant to a light cellar or glass frames. Used for garnishing and seasoning.

CHAMPION MOSS CURLED. The plant resembles a tuft of finely curled moss, leaves extra large, and a rich deep green. Valuable for garnishing and also as ornamental foliage plants for borders of beds. Grows in window boxes. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00; postpaid.

EXQUISITE. Beautiful and closely curled leaves of dark green, flavor excellent. As a pot plant for winter in window or on dining table it is simply "exquisite." Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., \$1.00; postpaid.

TURNIP-ROOTED OR HAMBURG. The root is the edible part. Used for flavoring soups. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00; postpaid.

Requires from 135 to 160 days from sowing to maturity.

Pepper

PFEFFER

ONE OUNCE to 2,000 PLANTS

The small peppers are the hottest, the large varieties being quite mild in flavor. Sow in hotbed early in April and transplant to the open ground when weather is favorable. They may also be sown in the open ground when the danger of frost is past and the soil is warm.

CHINESE GIANT. An extremely large sweet pepper, deep scarlet when mature, similar in shape to Large Bell, but more than twice as large. Strong, vigorous and productive. Pkt., 5c; oz., 30c; ¼ lb., 75c; postpaid.

CELESTIAL. Creamy white to scarlet; ornamental and prolific. Pkt., 5c; oz., 25c; ¼ lb., 65c; postpaid.

GOLDEN DAWN. Golden yellow; mild and sweet, size and shape of Large Bell. Pkt., 5c; oz., 25c; ¼ lb., 65c; postpaid.

LARGE BELL OR BULL NOSE. Large and early; square shouldered, flesh thick, hard, and less pungent than most other sorts; much used for mangoes. Pkt., 5c; oz., 25c; ¼ lb., 65c; postpaid.

LONG RED CAYENNE. Bright red; pods slender, hot and pungent. Pkt., 5c; oz., 25c; ¼ lb., 65c; postpaid.

MONSTROUS. Of an irregular coinical shape, one side usually being convex, the other concave. One of the most mild in flavor. Very large and of deep red color when ripe. Pkt., 5c; oz., 30c; ¼ lb., 75c; postpaid.

RED CHILI. Very productive, small, red, very hot. Excellent for pepper sauce. Pkt., 5c; oz., 25c; postpaid.

RUBY KING. Fruit very large, scarlet, sweet, of mild flavor, flesh quite thick, one of the best. Pkt., 5c; oz., 25c; ¼ lb., 65c; postpaid.

SWEET MOUNTAIN. Nearly, if not quite, identical with Bull Nose. Pkt., 5c; oz., 25c; ¼ lb., 65c; postpaid.

**CHINESE GIANT**

Kearney Co., Nebr., Mar. 16, '11.

We are sending you a large order for seeds and sets and hope you will do well by us. We have ordered seeds of your firm before and they have been very satisfactory.

W. H. WHITEHEAD.

One ounce to 50 hills;
8 to 4 pounds per acre.

PUMPKINS

KUERBIS

From 100 to 120 days
from sowing seed to
maturity.

Pumpkins are planted frequently in connection with a crop of corn, or as a second crop after early peas, etc. The following are all thin and tender skinned varieties, as distinctive from the hard or thick-shelled squashes. The fruits are quite susceptible to frost and should be gathered and stored in a cool, dry place. If bruised they will not keep any length of time.

SMALL SUGAR. Fruits of small size, averaging about ten inches in diameter, of excellent keeping qualities, flattened, slightly ribbed. Skin deep orange-yellow, flesh sweet. Very early. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c; postpaid.

LARGE SWEET CHEESE. Fruit flattened; skin rich cream color; flesh yellow, thick, tender, large, hardy and productive. Excellent for table use. Good keeper. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.

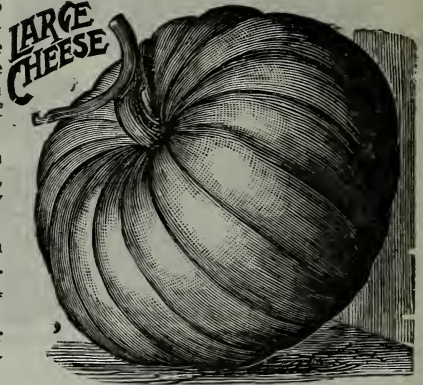
CONNECTICUT FIELD. Very productive, largely grown for feeding stock. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c; postpaid.

SWEET POTATO. Pear shaped, good size, skin creamy white. The seed is all in the cavity of the large end, the thick neck being solid; exceptionally fine quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

JAPANESE PIE. Early and productive, of medium size, large at one end, terminating in a crooked neck. Skin deep green with darker stripes; flesh is a rich salmon color, excellent quality; a good keeper. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

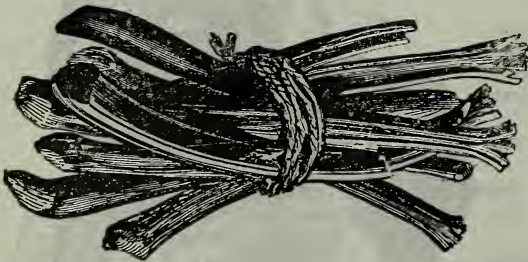
CUSHAW, OR CROOKNECK. (Sometimes called a squash.) Productive; color light cream, sometimes lightly striped; flesh salmon colored mealy and sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c; postpaid.

KING OF THE MAMMOTS. (Jumbo or Pot-iron.) Weighs from 40 to 150 pounds. Round flattened at both ends skin and flesh bright yellow. It makes a good table pumpkin. Good keeper. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.



Rhubarb or Pie Plant

RHUBARBER One ounce to 500 plants



RHUBARB ROOTS. Set in spring and they will be ready for use the following season. 10c each, postpaid; 5c each, 50c per doz., by ex., not prepaid.

The richer the ground is the better. Sow in drills an inch deep, and thin out to six inches apart. In the fall transplant into very highly manured and deeply stirred soil, setting them four feet apart, and give a dressing of coarse manure every spring. The stalks should not be plucked until the second year, and the plant never allowed to exhaust itself by running to seed. In removing be careful to pull off close to the roots instead of cutting.

VICTORIA. Stalks very tall and large; skin thick and red-stained; pulp quite acid; very productive. Pkt., 5c; oz., 15c; ¼ lb., 40c; postpaid.

LINNAEUS. A large and tender sort, sometimes called wine plant. Pkt., 5c; oz., 15c; ¼ lb., 40c; postpaid.

Sweet Potatoes

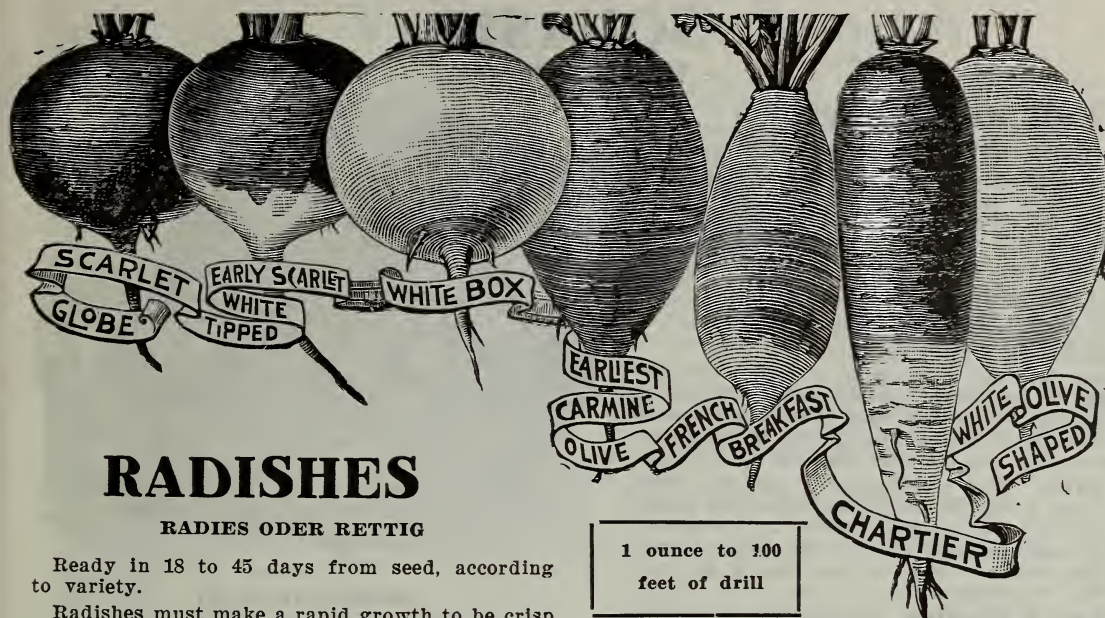
One bushel of Potatoes should produce 2,000 sprouts. 6,000 to 7,000 plants to the acre.

Succeed best in light, sandy soil. Stable manure is the best fertilizer. To obtain the sprouts, the entire potatoes are planted in beds, say 5 or 6 feet wide, and as long as required, the bed being opened 20 inches deep, filled in with stable manure, and covered with 4 inches of sand. The potatoes are placed upon the sand 1 inch apart and covered with an inch of sand. This is covered with old hay or trash till the sprouts appear, when more sand is added, after removing trash, till it is 4 inches in depth on top of the potatoes. The sprouts must be detached from the tubers without disturbing them. To do this hold the tuber in place with the left hand while the sprout is taken with the right. The sprouts are transplanted to the field and placed in rows 4 feet apart by a foot in the row. Ninety days are generally allowed from transplanting to digging.

YELLOW JERSEY, YELLOW NANSEMOND. These are the most desirable varieties. Ready about April 1. Write for prices

SWEET POTATO PLANTS. Ready about May 1. For prices see page 16.

POTATOES, IRISH—See Page 15.)



RADISHES

RADIES ODER RETTIG

Ready in 18 to 45 days from seed, according to variety.

Radishes must make a rapid growth to be crisp and tender. For early use sow in the hotbed, half an inch deep. For an early crop in the open ground sow thinly in drills on rich, sandy soil as early in the spring as it is fit to work. For a succession sow every two weeks.

***EARLY BIRD.** Bright red turnip, medium size. Ready to pull in 20 days after sowing. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.

***GIANT CRIMSON GLOBE.** This is a new variety suitable for forcing or early planting out of doors. It will grow to 6 and 7 inches in circumference and still remain solid and juicy, often 4 inches across. It is round to oval, and is very attractive. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c; postpaid.

GLASS OR CINCINNATI MARKET. This new radish is a fine acquisition. It is a long radish of light red color, or uniform size. The flesh is transparent white, always crisp and brittle, even if grown to a large size, and mild flavored. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.

***ICICLE.** The roots, 4 inches long, are stump-rooted and of transparent whiteness, with short leaves; grows very quickly, excellent flavor. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.

NEW SPARKLER. A distinct, new 18 to 21-day radish; has a beautiful bright scarlet top, with tip of purest white. It is solid, crisp and sweet, remaining so for a long time. Pkt., 5c; oz., 15; ¼ lb., 35c; lb., \$1.00; postpaid.

STUTTGART. Early giant white, large top-shaped, often 4 inches across, flesh and skin white. Remains crisp and solid even after it has attained its full size. Can be stored for winter use. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.

SAKURAJIMA, MAMMOTH JAPANESE. The largest radish known. Grows in its native country (Japan) to the weight of 21 lbs. Sow here in June or July same as winter radishes. Pkt., 5c; oz., 15c; ¼ lb., 30c.

OTHER POPULAR EARLY AND SUMMER RADISHES

Large Packets, 5c. Deduct 10c per pound if by express.

TURNIP SHAPED VARIETIES

	By Mail Postpaid	oz.	¼ lb.	lb.
*NON PLUS ULTRA. The standard forcing Radish; roots dark red, crisp and tender.....		\$0.10	\$0.20	\$0.60
EARLY SCARLET TURNIP. Very early for general use.....		.10	.20	.55
EARLY SCARLET GLOBE. Deep scarlet; flesh white and tender.....		.10	.20	.55
SCARLET TURNIP, WHITE TIP. Beautiful and profitable for home and market.....		.10	.20	.55
*ROSY GEM. Tops and roots both small; skin bright scarlet, tipped white.....		.10	.20	.60
WHITE BOX. Popular white variety, grows quite large.....		.10	.20	.55

OLIVE-SHAPED SORTS

*EARLIEST CARMIN. Excellent quality, very bright and attractive.....	.10	.20	.60
*WHITE OLIVE FORCING. White flesh and skin; crisp and mild flavor.....	.10	.20	.60
*FRENCH BREAKFAST. Red, tipped with white; very handsome.....	.10	.20	.55

LONG VARIETIES

LONG SCARLET, SHORT TOP. The standard long scarlet variety.....	.10	.20	.55
CHARTIER OR SHEPHERD. Large, long, summer radish; scarlet, white tip.....	.10	.20	.55
WHITE VIENNA, OR LADY FINGER. White roots which are crisp and tender.....	.10	.20	.55
WHITE STRASBURG. Most popular summer sort, 4 inches long, 2 inches thick.....	.10	.20	.55
SUMMER RADISHES, MIXED. Round and long.....	.10	.20	.55

WINTER SORTS

Sow in July. Pull before severe frost and store in damp cellar.

CHINESE ROSE. (Scarlet China.) Large oval, bright rose-colored, good keeper.....	.10	.20	.55
CALIFORNIA MAMMOTH WHITE. Very large, growing twelve inches long.....	.10	.20	.55
ROUND BLACK SPANISH. Fine globe shaped, popular with Germans.....	.10	.20	.55
LONG BLACK SPANISH. Black skin; white flesh, long, will keep until spring.....	.10	.20	.55

*For greenhouse forcing, hotbed planting or for extra early outdoors.

SQUASH

SPEISE KUERBISZ

Fall and Winter Sorts

1 oz. to 20 hills; 3 to 4 lbs. to the acre. Hills 8 feet apart each way.

From planting to maturity 100 to 125 days.

If the winter varieties are not planted until the latter part of June they are more liable to escape the ravages of the borer. Gather before injured by frost for winter use, care being taken not to break the stem from the squash, as the slightest injury will increase the liability to decay.

FAXON. The ripe squashes vary in color, some being yellow, while others are green, mottled and striped. Sweet and very dry. It matures early and can be used as summer squash. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

ORANGE MARROW. The earliest by 10 days of the winter squashes. It is creamy orange in color; fine form, handsome appearance. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c; postpaid.

BOSTON MARROW. (Autumnal.) Large, oval form; skin bright orange, mottled with cream color; flesh rich salmon yellow, fine grained and good flavor, unexcelled for pies. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c; postpaid.

CHICAGO WARTED HUBBARD. Large size, dark green color, distinguished by a dense covering of knots (warts), a sure indication of splendid quality, thick flesh; good keeper. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

GOLDEN HUBBARD. Similar to the above except that the skin is deep orange yellow. Flesh fine grained and of excellent flavor. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c; postpaid.

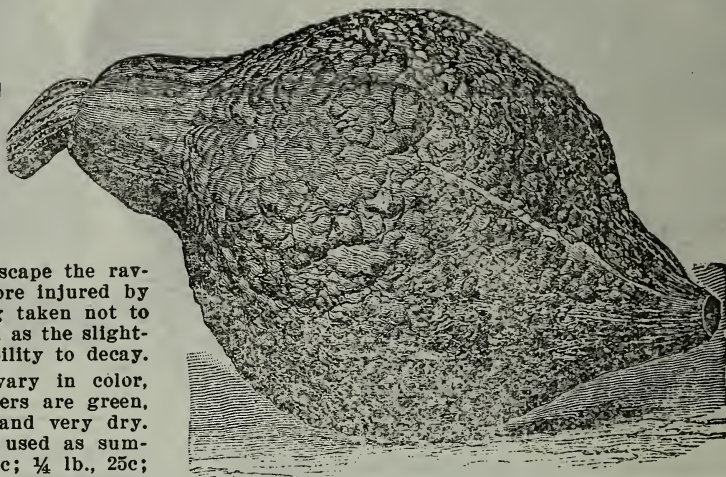
MAMMOTH CHILLI. Enormous size, round, flattened at ends, skin orange color and slightly ribbed. Flesh thick and deep yellow. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.

PERFECT GEM. Nearly round; skin creamy white; flesh fine grained. Vine bears great number of small squashes. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c; postpaid.

WINTER CROOK NECK. Fruit long and crook-necked, skin dark green mixed with yellow. A fine keeper. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

MARBLEHEAD. Resembling the Hubbard, but of a lighter color, and is remarkable for its sweetness, dryness and delicious flavor. Good keeper. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

SIBLEY. (Pike's Peak.) Pear-shaped with stem on large end, skin smooth, pale green; flesh thick, orange color; very dry, rich, and delicate flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.



HUBBARD SQUASH

Summer and Early Sorts

One ounce to 20 hills; 4 to 5 lbs. to the acre. Hills 4 feet apart each way.

Ready for use in from 55 to 65 days from planting.

Any good enriched soil is adapted to the growth of the Squash. The seed should not be sown in the spring until danger from the frost is past and the ground is warm and thoroughly settled. Keep the earth about the plants loose and clean. Three plants to the hill. For remedy against bugs see Insecticides. (Pages 60-70.)

FORDHOOK. Small, oblong, shell yellow, flesh dry and sweet, and of good flavor. Very early; desirable for either summer or winter use. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c; postpaid.

GOLDEN BUSH SCALLOP. A very early, flat, scalloped variety skin deep yellow; flesh pale yellow and well flavored. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c; postpaid.

SUMMER CROOK NECK. Very early and productive. Fruit about one foot long, with crooked neck and warty surface; color bright yellow. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c; postpaid.



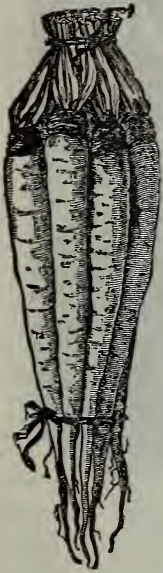
WHITE BUSH SCALLOP

WHITE BUSH SCALLOP. (Patty Pan.) Very early, skin white, flesh tender and delicate, bears abundantly. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c; postpaid.

Phelps County, Neb., Apr. 20, 10
Received seeds and bulbs in good condition yesterday. Can conscientiously recommend your goods as they have always given the best of satisfaction being especially adapted to this climate.
A. L. Polhernus.

Salsify or Vegetable Oyster

HAFERWURZEL



One ounce to 75 feet of drill. Resembles a small parsnip, and when thinly sliced and cooked is a good substitute for oysters, having a very similar flavor. It succeeds best in light, rich soil. Sow early and quite deep. The leaves when they first appear look like grass, making it specially important to plant in rows. Thin out and cultivate like the carrot, roots are perfectly hardy, and may remain out all winter, but should be dug early in the spring store a quantity for winter use in cellar.

MAMMOTH SANDWICH ISLAND. Grows uniformly to an extra large size. The root is pure white and of superior quality. Invaluable to market gardeners. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c; postpaid.

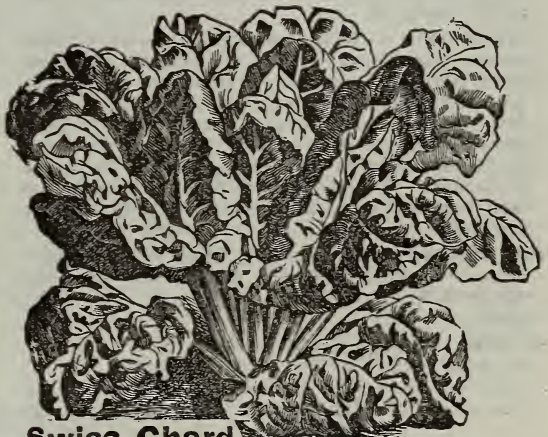
Swiss Chard or Sea Kale

Far superior to the common beet for greens, of almost the same flavor and equal to spinach. It is much easier to wash and prepare for the table. Sown early in the spring in rows, and the seedlings thinned out to 6 inches in the rows, it makes rapid growth of leaves, and is fit for use for greens sooner than any other variety, and can be cut throughout the entire summer. Later the leaves grow very large, with broad, flat, wax-like stems and mid-ribs, which may be cooked like asparagus or made into pickles. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00; postpaid.

Mason County, Mich., Mar. '10.

Your Corn Saver Beets are fine for cows. I raised some 7 inches in diameter and about 20 inches long.

Mrs. Agusta Larson.



Swiss Chard.

Spinach

SPINAT

One ounce to 100 feet of drill; 12 lbs. per acre.

Cultivated very extensively for "greens." A profitable crop for market. Select a rich, well-drained soil, highly manured. For a succession, sow early in April and again in May, in drills one foot apart and one inch deep, properly thinning out when the plants are an inch in the leaf. For early spring use, sow early in autumn and protect the plants with a light covering of leaves or straw.

BLOOMSDALE. (Savoy.) The earliest of all and one of the best; the leaves are numerous, curled and wrinkled. Oz., 5c; ¼ lb., 10c; lb., 30c; postpaid.

LONG-STANDING. (Thick Leaved.) A fine market sort. Leaves large and thick, somewhat crumpled. Does not run to seed early. Oz., 5c; ¼ lb., 10c; lb., 30c; postpaid.

PRICKLY. (Fall.) The hardest of all, therefore the best where the winters are severe. Oz., 5c; ¼ lb., 10c; lb., 30c; postpaid.

NEW ZEALAND. Entirely different from true spinach in type, in that it thrives during hot weather and in any soil, rich or poor. The tender shoots with golden yellow leaves are of good quality and may be cut throughout the summer. This is something new, but extra good. Plant three or four seeds in hills two feet apart each way. Pkt., 5c; oz., 10c; 3 oz., 25c lb., 85c; postpaid.

Tomatoes

LIEBESAPFEL

For Tomato Plants see Page 16.

1 ounce to 2,000 plants.
¼ lb.(transplanted)per acre

Mature in from 90 to 150
days from planting.

For early plants sow seeds in boxes or hotbeds in March. When the plants are about two inches high, transplant to four inches apart each way. Set out of doors as soon as danger from frost is over. Transplant carefully four feet apart each way, and cultivate well as long as the vines will permit. To obtain early fruit, pinch off the ends of the branches when the first fruit is set.

DWARF CHAMPION. (Tree Tomato.) A great favorite. Extra early; dwarf and compact in habit, the plant growing stiff and upright, fruit smooth, medium sized, purplish-pink. Pkt., 5c; oz., 25c; ¼ lb., 65c; postpaid.

DWARF STONE. Livingston's. Very early and productive; in size, color and quality of fruit equals the Stone; in habit of vine resembles Dwarf Champion, but is stronger and more erect, admitting very close planting. Pkt., 5c; oz., 25c; ¼ lb., 65c; postpaid.

EARLIANA. It is a full week ahead of all others. Plants of strong growth and very productive. Fruits large, deep red, and of superior quality. Smooth and free from cracks. Pkt., 5c; oz., 25c; ¼ lb., 75c; postpaid.

CRIMSON CUSHION. (Beefsteak). Fruit very large, round and regular; bright scarlet; flesh solid and of the best quality; very productive. Pkt., 5c; oz., 25c; ¼ lb., 75c; postpaid.

CHALK'S EARLY JEWEL. The largest, smoothest, and finest flavored, early bright red tomato, so hardy that a very early planting can be made in the open ground. The foliage protects the fruit, borne in clusters, from sun-scauld enabling the heavy crop to ripen perfectly. The tomatoes are bright scarlet, deep globe shape, large and solid. Produced continuously throughout the season. Pkt., 5c; oz., 25c; ¼ lb., 65c; postpaid.

EARLY MICHIGAN. One of the best second early sorts. Its first fruits are very early, but the vines continue to bear for a long time, fruit medium size to large, perfectly smooth, solid but without a hard core; deep red color, and of excellent flavor. Pkt., 5c; oz., 25c; ¼ lb., 75c; postpaid.

JUNE PINK. An extra early purple-fruited tomato similar to the popular scarlet-fruited Earliana in growth of vine shape and size of fruit and time of maturing. Pkt., 5c; oz., 25c; ¼ lb., 75c; postpaid.

LIVINGSTON'S HUMMER. It is as round as a ball, and as there is very little indenture about the stem, there is practically no waste in preparing the fruits for use. The flesh is rich crimson scarlet and of a very fine quality. Ripens early, and is especially good for canning. Not quite as large as some varieties, but a good keeper, thus making it a good variety for marketing. Pkt., 5c; oz., 30c; ¼ lb., 95c; postpaid.

LIVINGSTON'S CORELESS. A new, large main-crop variety. In shape it is almost round, having about the same diameter each way. It has no green core, and is of a bright red color, making it very valuable either for slicing or for canning. It is immensely productive and the firm, solid flesh makes it one of the best for long distance hauling or shipping. It ripens all over and through and up under the stem all at the same time. Pkt., 5c; oz., 35c; ¼ lb., \$1.00; postpaid.

LIVINGSTON'S NEW GLOBE. Beautiful globe shape, permitting a greater number of slices than with flatter sorts. Among the very first to ripen, large size, very smooth, firm fleshed, few seeds, ripens evenly; color rose, tinged purple. Flavor excellent. The fruit is borne on short, jointed branching plants in great abundance. A good general cropper; one of the best for forcing. Pkt., 5c; oz., 25c; ¼ lb., 75c; postpaid.

PONDEROSA. Of immense size, solid, meaty, almost seedless, pinkish, purple, and of good flavor, late. Pkt., 5c; oz., 30c; ¼ lb., 80c; postpaid.

STONE. Large perfectly smooth; bright scarlet; ripening even to the stem without a crack; very solid and heavy. The standard main crop variety. Pkt., 5c; oz., 25c; ¼ lb., 65c; postpaid.



LIVINGSTON HUMMER



NEW GLOBE

OTHER STANDARD VARIETIES

	All Postpaid		
	Pkt.	Oz.	¼lb.
ACME. Bright pink; smooth, round, early, productive and popular.....	\$0.05	\$0.20	\$0.50
ATLANTIC PRIZE. (Early Ruby.) Very early; smooth, bright red and solid.....	.05	.25	.65
BEAUTY. Large, smooth, purplish pink, thick flesh; regular form.....	.05	.20	.50
ENORMOUS. Color deep red, smooth, solid meat, and a few seeds.....	.05	.25	.75
FAVORITE. Large, smooth, productive; a good shipper and canner.....	.05	.20	.50
GOLDEN QUEEN. The best, large, smooth, yellow tomato; finest quality.....	.05	.25	.65
PERFECTION. Early; large size; very productive; fine blood red.....	.05	.20	.50
QUARTER CENTURY. Very early. Like the Dwarf Champion, only bright red.....	.05	.25	.75
TROPHY. Large and bright red, solid, smooth; a great yielder.....	.05	.20	.50

SMALL TOMATOES

Used for preserves, pickles, and to make "tomato figs."

YELLOW PEAR. Bright yellow color; flesh yellow and fine flavored.....	.05	.25
RED PEAR. Fruit bright red, and of excellent flavor, distinctly pear shaped.....	.05	.25
YELLOW PLUM. Plum-shaped, clear, deep yellow, fine flavored.....	.05	.25
RED CHERRY. About five-eighths of an inch in diameter; borne in clusters.....	.05	.25
HUSK. (Ground Cherry.) Fruit golden yellow, size of cherry.....	.05	.25

Ready from 40 to 60 days
from seed.

TURNIPS

REUBEN

1 oz. to 150 ft. of drill;
2 lbs. to acre.

The simplest method of keeping root crops in good condition for winter use. Store in cool cellar in boxes, etc., and cover with dry sand or fine soil, thus excluding the air. They will keep as solid as when freshly dug, and are ready for use at any time.

The turnip is most easily affected in form and flavor, by soil, climate and mode of culture. Sow in drills about 16 inches apart and half an inch deep, or sow broadcast, but in either case be sure to have the ground rich and freshly dug.

Be careful to weed and thin out, so the young plants will not be checked and injured. Get the spring crop started very early so that the turnips may have time to grow before the hot weather causes them to become tough and strong. Sow for main crop from the middle of July to the last of August. In the field, turnips are generally sown broadcast, though much larger crops are obtained by drill culture.

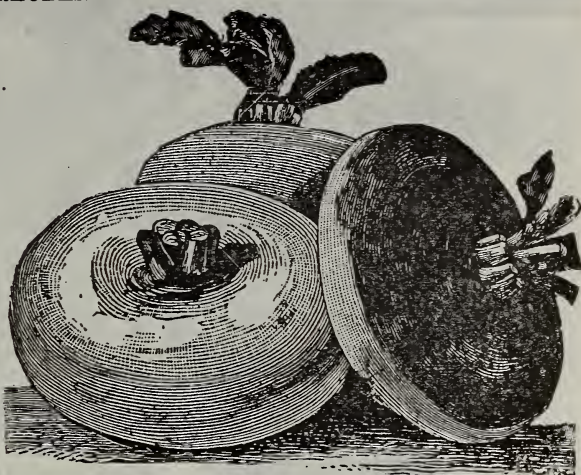
EXTRA EARLY PURPLE TOP MILAN. Two weeks earlier than any other. Flat; white, with purple top, flesh white, fine grained and delicate. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.

EXTRA EARLY WHITE MILAN. Similar to above, but pure white. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.

EARLY PURPLE TOP GLOBE. Deservedly popular, heavy producer, of rapid growth, and superior quality; either for the table or stock. An excellent keeper. Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 45c; postpaid.

PURPLE TOP STRAP LEAF FLAT. The old, well-known sort for early spring and fall; purple above ground, flesh fine grained, of mild flavor and a good keeper. Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 45c; postpaid.

WHITE EGG. An egg-shaped variety, for spring or fall sowing; flesh white, firm, fine grained, mild and sweet; particularly desirable for table. Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 50c; postpaid.



WHITE AND PURPLE TOP STRAP LEAF

EARLY WHITE FLAT DUTCH, STRAP-LEAVED. A fine early white sort, of quick growth and good quality. Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 45c; postpaid.

EARLY WHITE SNOWBALL. (Six Weeks.) A perfect globe-shaped, white-skinned turnip. A good keeper; fine for family or market. Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 50c; postpaid.

YELLOW ABERDEEN. Round, yellow flesh of fine texture, a good keeper. Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 45c; postpaid.

LARGE YELLOW. (Amber Globe.) Flesh yellow, fine grained and sweet; very hardy and productive, splendid keeper. Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 45c; postpaid.

GOLDEN BALL. (Orange Jelly.) Yellow fleshed; a rapid grower, of fine flavor. Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 45c; postpaid.

POMERANIAN WHITE GLOBE. Very productive; in good soil roots grow from 10 to 12 pounds; good for table or stock. Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 50c; postpaid.

COW-HORN. A white turnip of peculiar long shape and quick maturity. It grows to a large size, standing half out of the ground. Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 50c; postpaid.

Ruta Bagas or Swedes

Should be sown about a month earlier than turnips.

AMERICAN PURPLE TOP. Tops very small; bulbs large; skin purple above, yellow underneath; flesh golden yellow, fine texture, sweet and of richest flavor; hardy, productive, and a good keeper; desirable for table use and stock feeding. Pkt., 5c; oz., 8c; ¼ lb., 15c; lb., 40c; postpaid.

SKIRVING'S PURPLE TOP YELLOW. Quite productive; flesh yellow and sweet flavor, shape oblong. Pkt., 5c; oz., 8c; ¼ lb., 15c; lb., 40c; postpaid.

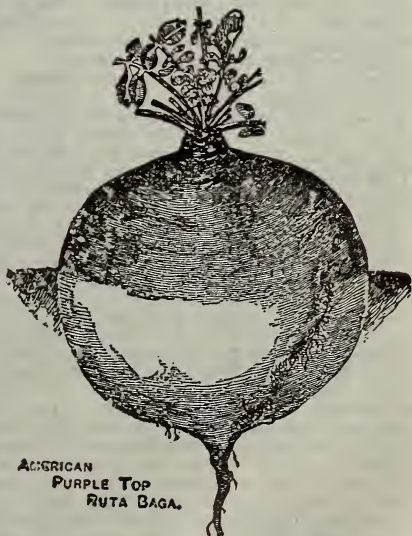
SWEET GERMAN. (Long White French.) Bulb enormous. Flesh white, solid and rich. The best keeper of all the Swedes, and popular for both table and stock. Pkt., 5c; oz., 8c; ¼ lb., 15c; lb., 40c; postpaid.

Tobacco

One ounce will sow about 25 square feet and produce plants for one acre.

CONNECTICUT SEED LEAF. An old, well-known variety. Pkt., 5c; oz., 20c; ¼ lb., 60c; postpaid.

HAVANA. Best for the manufacture of cigars. Pkt., 5c; oz., 20c; ¼ lb., 60c; postpaid.



AMERICAN
PURPLE TOP
RUTA BAGA.

SMALL FRUITS

POCKLINGTON

GRAPES

The Law is such that we cannot ship nursery stock into Wyoming.

There is scarcely a yard so small, either in country or city, that room for one to a dozen or more grapevines cannot be found. They so admirably trained up to the side of any building, or along the garden fences, occupying but little room and furnishing an abundance of the healthiest of fruit. Make the soil mellow, and plant the vines somewhat deeper than they stood in the nursery. Plant about 8 feet apart by the fence or building. For vineyards, make rows 8 feet apart, 6 to 10 feet in rows.

AGAWAM. (Red.) Bunch large, compact, shouldered, berry large, dark red or nearly black; flesh tender, juicy, vinous and good quality; later than Concord. 12c each, \$1.00 per doz.; postpaid. By express, 75c per doz.; \$5.00 per 100.

BRIGHTON. (Red.) Bunch medium to large, long, compact, shouldered; berries medium; skin thin; flesh tender, sweet, with scarcely any pulp; quality best. Vine a vigorous grower, healthy, hardy and productive; one of the best early red Grapes.

MOORE'S EARLY

The flowers have reflexed stamens and do not always fertilize fully unless planted with Concord, Worden, Martha or other varieties which blossom at the same time. 15c each, \$1.25 doz.; postpaid. By express, \$1.00 doz.; \$6.00 per 100.

CONCORD. The old, well-known and deservedly popular variety. Succeeds wherever grapes can be grown, 10c each, \$1.00 doz. postpaid. By express, 75c per doz.; \$3.75 per 100.

INSECTICIDES AND SPRAYERS
Page 70

AGAWAM

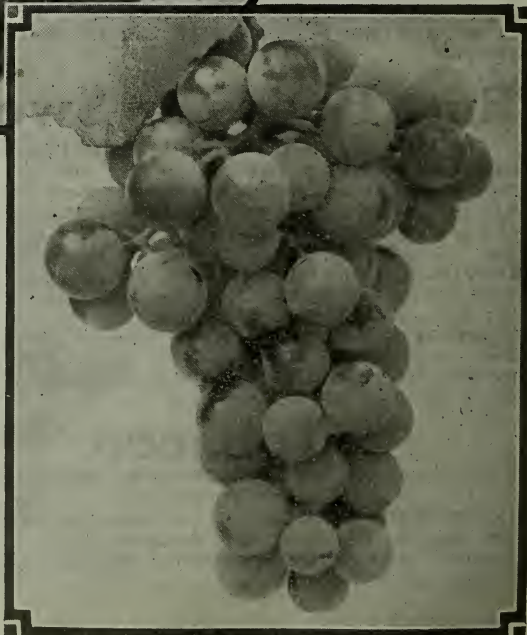
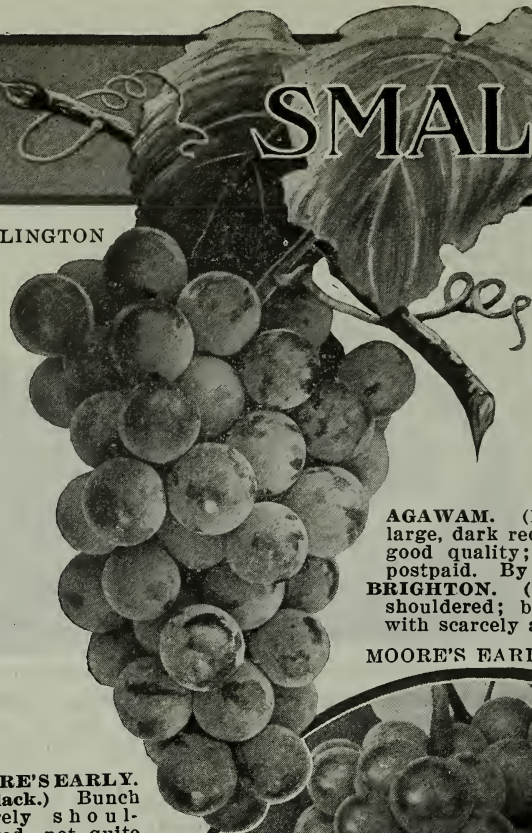
MOORE'S EARLY.

(Black.) Bunch rarely shouldered, not quite as large as Concord; berries larger and very much like it in flavor and quality. Vine a moderate grower, very healthy and hardy. Produces a fair and, with high cultivation, a heavy crop. Ripens so early as to be nearly out of market before Concord is ripe, is, therefore, a very popular early market variety. Succeeds best on rich soil. 15c each; \$1.25 doz.; postpaid. By express, 90c doz.; \$6.00 per 100.

***NIAGARA.** (White.) One of the leading white sorts; bunch large, shouldered, compact; berry large, yellowish white, juicy, vinous and sprightly, quality good; skin tough, making it a good shipper and market berry. 15c each; \$1.25 per doz.; postpaid. By express, 90c doz.; \$6.00 per 100.

POCKLINGTON. Pale green, usually with tinge of golden yellow where exposed to the sun; bunch large, very compact; berries very large, covered with a beautiful white bloom; flesh juicy, sweet, with considerable pulp. Vine a moderately good grower, but very healthy and very hardy, its buds withstanding severe cold even better than Concord. It produces a heavy crop of fine showy clusters and on account of its fine appearance and many good qualities is yearly increasing in popularity. 15c each, \$1.25 per doz.; postpaid. By express, 90c doz.; \$6.00 per 100.

WORDEN. (Black.) Bunch large, sometimes shouldered, compact; berries very large, skin thin. Superior to the Concord in the following points. It is better in quality, has a larger berry, a more compact and handsome cluster and ripens five to ten days earlier. It fully equals Concord in vigor and productiveness. 12c each; \$1.00 doz.; postpaid. By express, 75c doz.; \$5.00 per 100.





HOUGHTON GOOSEBERRIES

GOOSEBERRIES

The Laws are such that we cannot ship nursery stock into Wyoming.

Plant in good rich soil in rows 5 feet apart by 3 feet in the row, and give a liberal dressing of manure every season. Regular pruning every year is essential for the production of fine fruit. The English varieties especially do best in partial shade and should be heavily mulched. To prevent mildew spray bushes soon as leaves appear and several times during the summer with potassium sulphide or Grape Dust (see page 69), one ounce to four gallons of water.

DOWNING. An old and well-known variety. Fruit large and handsome, pale green, of fine quality. A strong, vigorous grower seldom affected by mildew. One of the best. 20c each, postpaid. By express, \$1.80 per doz.

HOUGHTON. Fruit small to medium, pale red, of fine flavor. Plants of slender, spreading growth and enormously productive. 20c each, postpaid. By express, \$1.10 per dozen.



WILDER CURRANT
CURRANTS

Hardy, easily cultivated, stand neglect well, and liberally responds to cultivation and generous treatment; indispensable for jellies, etc. Set four feet apart in rich ground; cultivate well or mulch heavily; prune out old wood so that each remaining shoot will have room to grow. If the currant worm appears dust with hellebore. All 2-year-old plants, well rooted and strong.

CHERRY. Berries sometimes more than half an inch in diameter, bunches short, vigorous and productive when grown on good soils and well cultivated.

FAY'S PROLIFIC. The leading market variety, bunches and berries large and uniform in size, easily picked; exceedingly productive.

VICTORIA. Large, bright red; berries medium size, of excellent quality. Erect grower, very productive. Ripens late, a valuable sort.

WHITE GRAPE. Very large yellowish white, sweet or very mild acid. Excellent quality and valuable for the table. Productive.

WILDER. One of the strongest and most productive. Bunch and berries very large, bright, attractive red color, even when dead ripe; hangs on bushes in fine condition for handling until very late. A valuable market sort.

PRICE

All currants 15c each; \$1.25 per doz.; postpaid. By express, \$1.00 doz.; \$6.00 per 100.



WHITE GRAPE CURRANTS

Blackberries

Blackberries are among the best-known and most valued of our berries. No fruit of any kind is more wholesome. A liberal use of berries and other good fruit will save doctors' bills. Blackberries should be planted in rows six or seven feet apart, three to four feet in the row. Keep the ground light, rich and clean, and pinch the canes back when they have reached four feet in height. The demand for blackberries is always good. For garden culture set in rows 4 feet apart, light, rich soil being preferable.

BLOWER. A splendid new sort. Has produced 2,694 berries on one bush, 2,270 quarts on 1/3 acre. Large size, jet black, good shipper, best quality, unexcelled productiveness. 12c each; 6 for 65c; postpaid. By express, 60c per dozen; \$3.75 per 100.

SNYDER. Very popular for the northwest on account of its extreme hardiness; wonderfully productive, size medium, fruit juicy and sweet, canes remarkably strong and thrifty. Pinch the canes back when they have reached 4 feet in height. 10c each; 80c per doz.; postpaid. By express, 45c per doz.; \$3.00 per 100.

NOTE
Sprayers and
Insecticides,
Pages 70-71.

Adams Co.,
Nebr., Mar. 24,
1911.—Last fall I
won \$10.00 by
showing Corn
Saver and Wurzel
Beets with some
other vegetables.
I like Corn Saver
best for feed.
Have fed cows all
winter on them
and Wurzels.

L. D. POWERS.

Raspberries

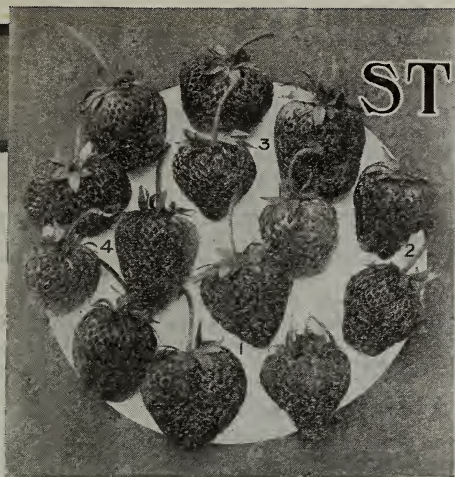
Will do well on any soil that will produce a good corn crop. Land should be thoroughly prepared and well enriched; ground bone is one of the best fertilizers. Keep well cultivated and free from weeds and suckers. As soon as they are through bearing, cut out the old wood to give more vigor to the young canes. Plant in rows five feet apart, three feet apart in rows.

CARDINAL. This wonderful berry surprises all by its great growth, extreme hardiness, exceeding productiveness and the unusual richness of its pure flavored, large purple berries. 12c each; \$1.00 per doz.; postpaid. By express, 75c doz.

CUMBERLAND. Largest black raspberry known. Perfectly hardy and vigorous grower. For productiveness nothing exceeds it. In quality rich, sweet, and luscious; a mid-season variety. Each 8c; 60c doz.; postpaid. By express 45c doz.; \$2.75 per 100.

KANSAS. Strong, vigorous, standing extremes of drought and cold, and bearing immense crops. Early berries, jet black and of best quality. 8c each; 60c per doz.; postpaid. By express, 45c per doz.





STRAWBERRIES

Its laws are such that we cannot ship nursery stock into Wyoming.

CULTURE. On arrival of plants unpack them at once, loosen the bunches, "heel" them in the ground or dip their roots in a "puddle," made by mixing earth in water until of the consistency of cream, and lay away in a cool, damp place until they can be planted. Do not leave in package and pour water over them, as this will surely cause the plants to heat and spoil. To grow large berries and plenty of them fertilizers must be used freely. Ground bone is excellent. Do not plant deep, but press the earth very firmly about the roots. Should the weather be warm, shade for a few days with coarse litter. Cultivate well

and keep out the weeds. For field culture plant apart in the row. For garden culture, plant three feet by one foot. Turn runners the direction of the row. When the ground freezes, mulch with light coat of straw. Remove the mulch in the spring and cultivate. (B) Perfect flowers—can be planted alone. (P) Pistillate, imperfect flowers—must have some marked (B) mixed with them, as close as one row in three.

BEDERWOOD. (B) (See No. 2 in cut.) This is generally considered to be one of the very best early varieties for home use or market. It is a splendid grower, making a large number of strong runners. It has a perfect blossom and is exceptionally productive. The fruit is of good size, light red, medium firmness and good quality. One of the best to plant with Warfield.

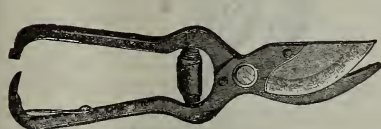
SENATOR DUNLAP. (B) (See No. 1 in cut.) Plant resembles Warfield, rampant runner, should be restricted in its production of plants; fully equal to Crescent and Warfield in its ability to succeed under all circumstances. Fruit good size, regular form, beautiful bright red, glossy firm, splendid keeper and shipper, excellent quality, one of the best for canning; ripens early and continues a long time.

BRANDYWINE. (B) (See No. 3 in cut.) This variety has proven so satisfactory with all who have grown it that it is consequently in large demand. It is comparatively new and of great value by reason of its productiveness; large size, beauty and good quality, which renders it especially desirable for the home garden. The berries are a glossy crimson, very handsome, firm, solid and excellent in quality with a fine flavor. The plant is remarkably vigorous, hardy and exceedingly productive. It is a mid season to late variety and is excellent to plant with Warfield. 35c per doz; \$1.35 per 100; postpaid. By express \$1.00 per 100; \$6.50 per 1,000.

WARFIELD. (P) (See No. 4 in cut.) This variety stands next to the Senator Dunlap, being quite similar in shape and size. However, Warfield is a sour berry and a little deeper in color, thus making it one of the very best for canning. It also holds its color in the cans, which is a very strong point in its favor. While the individual plants are quite small it is remarkable the number of quarts produced by a lightly matted row grown on good strong soil.

Price of all except Brandywine: Per dozen 30c; \$1.10 per 100; postpaid. By express, 75c per 100; \$5.00 per 1,000.

PRUNERS AND SHEARS



PRUNING SHEARS. 9-inch forged steel, polished blades, volute spring. 65c.



HEDGE SHEARS.

Cast steel, notched, hand finished and burnished handles. 8-inch \$1.35; 9-inch, \$1.60; 10-inch, \$1.90.



TREE PRUNERS.

Waters' cast steel blade, single. Wood pole, 6-foot handle, 75c; 8-foot handle, 90c; 10-foot handle, \$1.00.



NO. 136 PRUNER. The best grade of forged steel. Handles 22 inches long. Price \$2.00.



NO. 9 PRUNER. A good grade of steel, with polished blades. Price \$1.00.

FLOWER SEEDS

It will pay you to read the following carefully:

General Culture.—A rather light and moderately rich soil thoroughly spaded, is most desirable. That the tiny seedlings may be seen and the weeds removed, it is better to plant all flower seeds in rows. Sow the seed evenly in the rows, cover with the finest of soil, about three times the diameter of the seed, and press the soil firmly over the seed. The soil should never become dry after the seeds have swelled, for if it does, they will be pretty sure to fail. Do not grow the plants too thick. Keep the weeds down and the surface of the soil well stirred with a hoe or rake during the summer, especially if the weather is dry. A great many varieties can be sown in the house, if desired early, and afterwards transplanted. Most plants will continue to bloom much longer if the flowers are picked, and not allowed to form seed.

Send us 3.00 and select PACKETS to the value of 3.75
Send us 2.00 and select PACKETS to the value of 2.50
Send us 1.00 and select PACKETS to the value of 1.25
Send us \$0.25 and select PACKETS to the value of \$0.30

These Rates apply only to seeds in Packets, but not to seeds by Weight. No discount can be allowed on Flower Seed Specials.

SEEDS OF ANNUALS

In this department we include both annuals that bloom and die first year, and such perennials as flower freely the first year.

For started plants see Page 67.

For other perennials, see Page 51.

For other vines, see Page 50.

For house plants, see Page 49.

ACROCLINIUM. Daisy-like, everlasting flowers; pink and white with yellow center.....5c
AGERATUM. One of the best border flowers, blooming all summer; of easy culture. Grows 5 inches high. Blue or white.....5c
AGROSTEMMA. (Rose of Heaven.) Attractive pink-like blossoms on long, slender stems. Very pretty in masses. Perennial.....5c
ALYSSUM. Profuse bloomer, good for bordering or for bouquets, fine for window boxes. Sow very early.....5c
Sweet. Fragrant white flowers. The old favorite.....5c
Little Gem. Dwarf and compact. Good for border.....5c
Carpet of Snow. Very dwarf trailing plants.....5c

ASTERS. (For aster plants see page 67.) One of the most popular of our garden flowers for late summer and fall display. Sow seed early and give deep soil with plenty of mulching.

Hohenzollern. Improved. The flowers are very large and double, with long, curled petals on long stems, very graceful. White, pink, lavender, purple and mixed.....10c

Giant Comet. A beautiful, distinct variety, resembling chrysanthemums. Mixed.....10c



Comet Aster



ALYSSUM, SWEET.

Branching. Large, late-blooming, with long, strong stems. Mixed colors.....5c

Betteridge Quilled. Flowers large, freely produced, and of brilliant colors; height, 12 inches, Mixed, all colors.....5c

Tuffaut's Peony Perfection. Large and perfectly double, with beautifully incurved petals, giving the flowers a globular form. Mixed colors.....5c

Chrysanthemum Dwarf. 9 in. high. Good sized flowers, free bloomer. Mixed colors.....5c

AMARANTHUS. Rapid growing, bright-colored foliage plants. Sow seed early and set out in rather poor soil to get best effects.....5c

ANTIRRHINUM. (Snapdragon.) Dark glossy leaves and beautiful spikes of flowers, with finely marked throats; one of the most showy border plants. Of easiest culture.

Queen of the North. Large, fragrant, white flowers. Nice for pot-culture as well as for borders.....5c

Tall Sorts, Mixed. All shades of red and yellow; best for cutting.....5c

Dwarf Sorts, Mixed. Large variety of colors; best for edging.....5c



ANTIRRHINUM



BALSAM, DOUBLE CAMELLIA.

BALSAM. (Lady's Slippers or Touch-Me-Not.) To grow these to perfection, start the seed in the house or hotbed, transplanting to very rich soil in the garden. Transplanting them two or three times has a tendency to dwarf them and make them more double.

Camellia-Flowered. The best of all balsams. Flowers very large, perfect in form, double and produced in abundance. Mixed colors.....5c

BACHELOR'S BUTTON. See Centaurea Cyanus and Globe Amaranth. Page 46.....5c

BUTTERFLY FLOWER. See Schizanthus... Page 49.....5c

CACALIA. (Flora's paint brush.) Small, tassel-like flowers. Golden yellow and scarlet.....5c

CALENDULA. (Pot Marigold.) Very free and attractive bloomers. Double, all shades of yellow.....5c

CASTOR BEAN. See Ricinus, Page 48.

CANDYTUFT. A dwarf-growing annual, making a striking display early in the season. Sow early where plants are to bloom. Grows one foot high.

Empress. A complete mass of pure white flowers. Valuable for bouquets.....5c

Fine Mixed. Red, pink and white.....5c

CANNA. (Indian Shot.) Stately plants with handsome foliage and showy flowers. The seeds should be soaked 24 hours in warm water before planting. If sown in February should bloom in July.

Large Flowering French. Saved from best and largest flowers only. All colors.....5c

CELOSIA. Plumosa. About two feet high, of branching habit, with feathery plumes of brilliant red; one of the most effective ornamental plants.....5c

Cristata. (Cockscomb.) Free blooming dwarf plants producing spikes of comb-shaped flowers.....5c

CALLIOPSIS. A showy plant, producing flowers of yellow, red and brown. Sow quite early, and thin to 6 inches apart.

Mixed.....5c

CENTAUREA. These old-fashioned flowers are fine for borders.

Cyanus. (Bachelor's Button.) Also called Blue Bottle, Ragged Sailor and Corn Flower. Is a hardy annual, coming up year after year from self-sown seed. Mixed.....5c

Emperor. Intense blue.....5c

Gymnocarpa. (Dusty Miller.) Graceful, fine-cut, silvery white foliage. Nice for edging beds.....5c

Imperialis. (Sweet Sultan.) Double sweet-scented flowers borne on long, stout stems. Keeps for a week in water, if cut just when about to open; white, lilac, rose and purple. 2 ft. high. Mixed.....5c

CHRYSANTHEMUM. Annual. Distinct from the pot plant varieties, blooming all summer. All shades of yellow. Choice mixed.....5c

CLARKIA. Very pretty free flowering annuals, desirable for shady places.....5c

CLEOME. Pungens. (Giant Spider Plant.) Rose colored flowers with long stamens. A tall grower, and blooms freely until frost.....5c

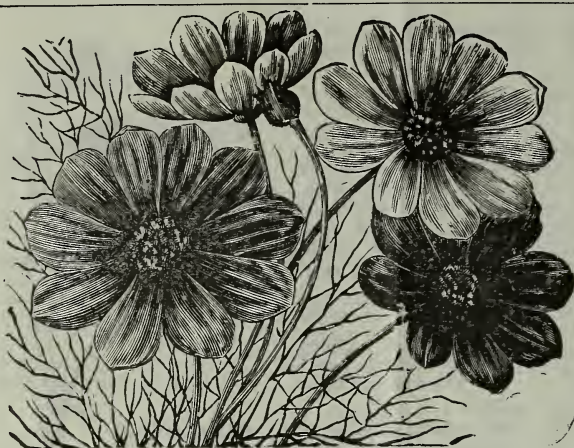


CALLIOPSIS



CENTAUREA IMPERIALIS

FOR FERTILIZER IN THE FLOWER BEDS
USE "SWARD FOOD." PAGE 68.



COSMOS

COSMOS. An autumn plant with feathery foliage. The flowers are borne profusely in loose clusters. Seeds should be sown early in the spring and the plants transplanted to two feet apart when danger from frost is past. 5 to 7 feet high.

Lady Lenox. Strong, vigorous grower, bearing shell-pink flowers of extraordinary size and substance. Excellent for cutting.....5c

Mammoth Giant Perfection, white, pink, red, mixed. Each.....5c

Early Flowering. Comparatively dwarf plants, producing both white and colored flowers, coming into bloom much earlier than the giant forms and will give a great profusion of bloom until late in the autumn. Mixed.....5c

Dawn. An early flowering strain in which all the flowers are white with just a touch of delicate pink at the base of the petals.....5c

DATURA. (Sweet Nightingale.) A large, strong growing plant, with trumpet-shaped, fragrant, pearl-white flowers.....5c

FOR GREEN LICE

To get rid of the little green lice or aphids on plants use Sulpho-tobacco soap. 3 oz. cake 10c, by mail 13c. 8 oz. cake 20c, by mail 28c.



DIANTHUS

DIANTHUS. Of value for bedding. The colors range from pure white to the richest crimson, spotted and striped. Perennial but bloom the first summer, and for years, if the flowers are freely picked.

Chinensis. (Double Chinese or Indian Pinks.) Compact plants with large clusters of double flowers. Excellent for bouquets as well as bedding.....5c
Heddewigi. (Double Japan Pinks.) Much larger than the Chinese pinks.....5c
Heddewigi Fireball. Brilliant scarlet.....5c

Heddewigi Snowball. Pure white.....5c
Heddewigi Mixed. All colors.....5c
Heddewigi Midnight. Blood red.....5c

EVERLASTINGS—(See *Acroclinium*, *Celosia*, *Globe*, *Amaranth*, *Gypsophila*). Pick when flowers first open and hang, stems up, to dry for winter bouquets. 5c

ESCHOLTZIA

California Poppy

Sow early, where it is to remain, as it will not bear transplanting. The foliage is finely cut and handsome and the flowers are very showy, large and freely produced.

Californica. All shades of yellow.....5c



CALIFORNIA POPPY

FOUR O'CLOCK. (Marvel of Peru.) The fragrant flowers, produced in clusters, open in the afternoon. Mixed.....5c

GAILLARDIA. (Blanket Flower.) *Picta Lorenziana.* The heads of star-shaped flowers are greatly admired for their rich blending of colors; red, yellow, orange.....5c

GODETIA. Beautiful garden plants, having delicately shaded, large, trumpet shaped blossoms. Easily cultivated in any good garden soil.....5c

GLOBE AMARANTH. (*Gomphrena*.) Sometimes called Bachelor's Button. A very pretty everlasting flower with blossoms resembling clover. Mixed.....5c

GOLDEN FEATHER. (*Pyrethrum Aureum*.) Finely cut leaves of bright golden yellow color. Extra fine for bedding. Perennial.....5c

GYSOPHILA. Thrives everywhere and furnishes light and grace to a bouquet. The tiny white flowers are on branching stems.....5c

HELIANTHUS. See Sunflower, Page 49.



KOCHIA

KOCHIA. (Burning Bush or Summer Cypress.) The plants grow with many slender branches resembling a small, closely sheared evergreen with light green leaves until fall when the whole plant turns crimson. Seed germinates readily. Sow May 1st, and thin to 2 feet apart; 2½ feet high.....5c

LARKSPUR. Hyacinth flowered. The flowers which resemble a double hyacinth, are borne freely in long spikes of blue, pink and white. The plants are of dwarf habit. Sow where the plants are to bloom.....5c

LOBELIA. Crystal Palace. Charming little plants that bloom very quickly from seed and continue all through the season. Deep blue, 6 inches high. Very nice for bedding or for borders.....5c

MARIGOLD. Wherever a rich display of bloom is desired, the Marigold is almost indispensable.

- African.** Immense flowers, double; all shades of yellow.....5c
French. Dwarf grower; double flowers, rich golden yellow marked with velvety brown.....5c
MIGNONETTE. (Reseda Odorata.) A well known fragrant favorite; in bloom the whole season if gathered freely. Large flowering.....5c



- NASTURTIUM.** Dwarf or Tom Thumb. A bed of dwarf nasturtiums in the yard is very brilliant and attractive, blooming all the season. 1 ft. high.
Beauty. Scarlet, splashed canary.....5c
Chameleon. Mottled crimson, bronze and yellow.....5c
Crystal Palace Gem. Sulphur with maroon spots.....5c
Golden King. Deep yellow flowers.....5c
Golden Queen. Leaves golden-green, flowers orange yellow.....5c
King of Tom Thumbs. Bright red, dark foliage.....5c
Scarlet King. Brilliant scarlet.....5c
Mixed, oz. 10c......5c

- Fine Mixed.** A very good quality.....5c
Giant Adonis. Light blue.....5c
Giant Atropurpurea. Dark purple.....5c
Giant Bronze. Shades of bronze.....5c
Giant Cardinal. Brilliant red.....5c
Giant Emperor William. Dark blue.....5c
Giant Goldelse. Yellow.....5c
Giant King of Blacks. Beautiful blacks.....5c
Giant Snow Queen. Pure white.....5c
Special Giant Mixture. An excellent combination of fancy strains, selected with a view to being as near perfection as possible.....10c

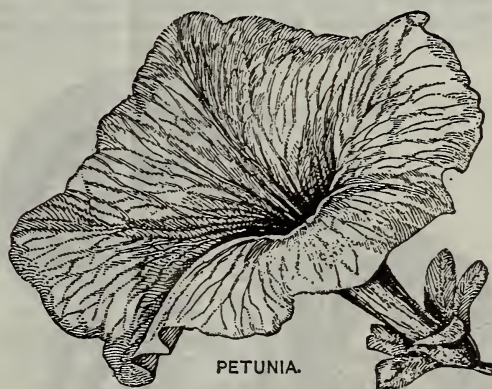
PANSY SPECIAL—No. 13. 1 pkt. of each of the next above 8 Giant named colors.....30c

- NICOTIANA.** Affinis. Deliciously fragrant, large white, star-shaped flowers; open at evening and early morning; easily grown, blooms freely in the house.....5c
Sanderae. Sweet scented, brilliant red flowers on sturdy, bushy plants 2 ft. high; grows readily from seed.....10c

- NIGELIA.** Miss Jekyll. (Love in a Mist.) The plants are vigorous and give an abundance of flowers of the clearest blue, contrasting most charmingly with the fine, fern-like foliage.....5c

- PANSIES.** For started plants see page 67. The seed may be sown in the hot bed or open ground. Keep the soil moist. They prefer a half shady place. Do not let the plants seed if you wish to keep them in bloom. If sown in the fall, pansies will bloom very early in the spring.

- Masterpiece.** (Giant Curled.) The fluted petals make the enormous flowers appear double. The colors and combinations are odd and striking.....20c
Mammoth Butterfly. The flowers are very large. The colors are rich red, chocolate, and purple shades, mottled and spotted.....15c
Bugnot. The flowers are large, with broad blotches, and delicate pencilings to the edges of the petals.....10c
Odier. The blotched, or five spotted variety. Very rich and showy.....10c
Fancy Striped. A striking mixture.....5c
Giant English Show. Splendid mixed from the largest named flowers only.....25c



PETUNIA.

- PETUNIA.** Petunias are very popular for their rich coloring, continuation of bloom, pleasing fragrance, and easy culture. Can be sown in the open border, in full sun or partial shade. Transplant easily, 1½ feet high.
General Dodds. Beautiful; velvety, dark red.....5c
Snowball. Compact growing, pure white, blooms all summer.....5c
Howard's Star. Rich, velvety, maroon with a white blotch on each petal.....5c
Fine Mixed. An excellent mixture.....5c
Giant Ruffled and Fringed Single. The flowers are exquisitely ruffled or frilled, of immense size, and of great varieties of colors.....10c
Double Mixed. Sure to produce a good percentage of double flowering plants.....20c

PANSY SPECIAL—No. 19. One Packet each of Bugnot, Mammoth Butterfly and Odier 25c



PHLOX DRUMMONDI.

PHLOX DRUMMONDI. Seed sown in open ground in early spring will begin flowering about July first and bloom until frost. Thrives in almost any situation. For masses of separate colors or for bouquets they are unsurpassed. One foot high.

- Alba. Pure white.....5c
- Scarlet. Very showy.....5c
- Rosy Chamois. Beautiful shade of rose.....5c
- Extra Choice Mixed. Best large flowered.....5c
- Starred and Fringed. Very dwarf, flowers fringed and distinctly edged with white.
- Mixed.....5c

POPPIES. These exceedingly showy and easily cultivated plants grow and bloom well in ordinary soil. Sow the seeds where the plants are to grow, as they do not bear transplanting.

- Tulip. Cup-shaped, brightest scarlet, with black spot at base of each petal. Single.....5c
- Paeony-Flowered Mixed. Splendid large double flowers of all colors.....5c



SHIRLEY POPPIES

- Shirley. Pink, carmine and brilliant crimson; many edged with white; single and half double, splendid.....5c
- White Swan. Immense double fringed flowers of purest white.....5c
- Carnation-Flowered. Brilliant, finely fringed double flowers of various colors.....5c



DOUBLE PORTULACA

PORTULACA. (Rose Moss.) Brilliant dwarf annuals, blooming profusely from early summer to autumn. For low beds and masses of color they are very desirable. They thrive best in a rather rich, sandy soil and a sunny situation; will stand any amount of dry weather.

- Single Mixed. All colors.....5c
- Double Mixed. Not all the plants will come double, but the single ones can be pulled out.....10c

RICINUS. (Castor Bean.) Semi-tropical plants grown for their great size and picturesque foliage; colors range from bright green to dark red. One plant or a dozen make an admirable sight for a long distance. 6 feet to 10 feet high.....5c

SALPIGLOSSIS. (Velvet Flower.) Strong, erect plants with curious, funnel-shaped flowers of rich colors. Plant in warm, rich soil; among the best fall flowers. 1½ feet tall.....5c

SCABIOSA. (Mourning Bride.) An old favorite greatly improved. Excellent for bouquet.

- Tall German Double. Mixed, all colors.....5c
- Black Prince. Very large, rich dark maroon.....5c
- Snowball. Elegant, white flowers, sure to be liked, for vases and bouquets.....5c



SALVIA. Splendens. (Flowering Sage.) For started plants see page 67. Among the most brilliantly colored of garden flowers and extremely useful for bedding; also valuable for pot culture. Blooms are borne in long spikes of fiery red, and continue in bloom until severe frosts. Start in house and transplant into light soil. Tender perennials, 2 to 3 feet tall.....5c

SCHIZANTHUS. (Butterfly Flower.) Flowers are pretty and freely produced. Purple, yellow and crimson.....5c

SNAPDRAGON. See Antirrhinum, page 44.

STOCK. German Ten Weeks' Perfection. Very desirable because of its brilliancy of color, profusion and duration of bloom. Fragrant, with large double rosette-like flowers. Mixed.....10c
Princess Alice. Snow white. Of branching habit. Very profuse bloomer, especially if kept cut5c

SUNFLOWER. (Helianthus.) Adapted by its tall, vigorous growth for a background.
Mammoth Russian. Of immense size, single.....5c
Californicus. Extra large and very double.....5c

VERBENA. (For started plants see page 67.) For beds or massing the verbena is unrivalled; flowers of the most brilliant colors. Sow them early and they will bloom profusely from June until winter.

Defiance. Best scarlet.....5c
Alba. Pure white.....5c
Mayflower. Delicate pink, very fragrant.....5c
Hybrida Blue. Blue and purple shades.....5c
Choice Mixed. All colors.....5c

WALLFLOWER. Single annual. Very fragrant; purple, orange and bronze. A favorite English flower. Seed sown the first of May will bloom from July until severe frosts. It is very satisfactory as a pot plant for winter, if kept in a cool room5c

ZINNIA. Flowers all summer, making the most brilliant display possible, excellent for border or summer hedge. Seeds grow easily, and young plants transplant safely.

Giant Flowering. Plants of vigorous growth, about three feet high, bearing profusely their

perfectly formed double flowers, mixed colors 5c
Dwarf Fireball. Glowing, brilliant scarlet.....5c
Zebra. Flowers striped with various colors.....5c
White Gem. Small, double white flowers.....5c



Seeds of House Plants

These can readily be grown if given careful attention. For winter blooming, plant during the spring or summer, in shallow boxes, in mellow soil about one-fourth sand. Sow the seed on the surface, and cover with a very little more soil; water carefully, cover with a pane of glass and keep dark until the seeds germinate, then light and air should be admitted by removing glass, partially at first. Place the box in the sun and transplant when large enough.

CHRYSANTHEMUM. Perennial. Japanese and Chinese large flowering. These are for pot culture, for blooming in the house in winter. If sown early, will flower the first year. Double mixed10c

COLEUS. The best known of ornamental foliage plants with richly-colored leaves of maroon, green, yellow, etc. Easily grown either in the garden or in pots.....5c

CYCLAMEN. Giganteum. They make flowering bulbs in one season if sown early in sandy soil. Beautifully mottled leaves, immense flowers of great substance. Mixed colors.....15c

FEVERFEW. Clusters of very double, pure white flowers three-quarters of an inch in diameter. Fine for bedding or pot culture.....5c

GERANIUM. Favorite house plant. Seed started early will bloom the first year.....5c

HELIOTROPE. In shades of purple, fine for bouquets; the sweet vanilla odor is liked by all5c

ICE PLANT. (Mesembryanthemum.) Suitable for rock work, hanging baskets, etc. Foliage thick, frosted, wax-like.....5c

IMPATIENS SULTANI. Rosy carmine flowers one inch in diameter, produced freely throughout the season. Although a house plant, it does finely out of doors.....10c

KENILWORTH IVY. (Linaria.) Beautiful trailing plant for hanging basket.....5c

LOBELIA. A dwarf plant, splendid for porch boxes, hanging baskets and vases. Deep blue flowers and dark foliage.....5c

PRIMULA. (Chinese Primrose.) One of the finest plants for winter blooming in the house; do well in a cool room and in north window where most other plants fail; very profuse flowering15c

SENSITIVE PLANT. (Mimosa.) A curious and pretty plant; the leaves close and droop at the slightest touch at night.....5c

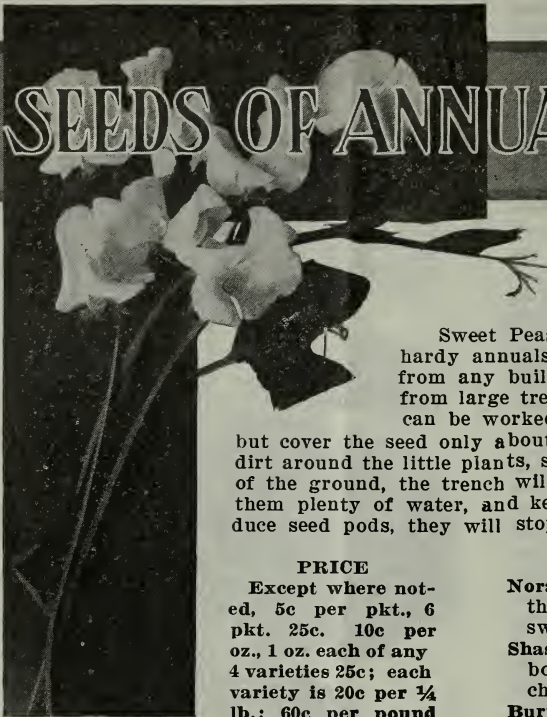
SMILAX. One of the most graceful climbers for the window. Sow seed in February and keep in moist place.....5c

VINCA. (Periwinkle.) Splendid house and bedding plant, with glossy leaves and circular flower. White, pink, crimson. Mixed.....5c

FREE

With an order of \$2.00 or more for Flower Seed, Plants or Bulbs, the new Book on HOME FLORICULTURE.
See Page 53.

SEEDS OF ANNUAL CLIMBERS



SWEET PEAS

Sweet Peas are among the most beautiful of all our hardy annuals. Select a sunny, open place, several feet from any building or close fence, and as far as possible from large trees. Sow as early in the spring as the ground can be worked. Make a trench six or eight inches deep, but cover the seed only about an inch at first. As they come up, rake the dirt around the little plants, so that by the time they have reached the top of the ground, the trench will be almost full. Furnish support early. Give them plenty of water, and keep the blossoms picked closely. If they produce seed pods, they will stop blooming.

PRICE

Except where noted, 5c per pkt., 6 pkt. 25c. 10c per oz., 1 oz. each of any 4 varieties 25c; each variety is 20c per ¼ lb.; 60c per pound postpaid.

ROSE

Phyllis Unwin. Very large size. Rosy carmine. **Prince of Wales.** Rosy crimson with large hooded flowers. **Prima Donna.** Exquisite rose pink; large and profuse.

BRIGHT RED

Queen Alexandra. One of the best scarlet; self-colored. Very large flowers. **King Edward VII.** Grand large flowers of a rich crimson scarlet. **Salopian.** Rich red scarlet; large and fine.

ORANGE

Evelyn Byatt. Standard rich orange salmon, wings a somewhat deeper shade. Very striking. **Helen Lewis.** Orange-rose wings with rich, crimson-orange standard. **Miss Willmott.** One of the richest orange-pink sweet peas.

PINK AND WHITE

Extra Early Blanche Ferry. Standard rose-pink, wings creamy white. Very early.

MAROON

Black Knight. Deep maroon, veined black; large and open. **Othello.** Chocolate-red, self-colored. **Shazada.** Rich and dark; very attractive.

LAVENDER AND LIGHT BLUE

Lady Grisel Hamilton. A very light dainty lavender. **Mrs. Geo. Higginson, Jr.** A clear azure blue. **Frank Dolby.** Pale blue, very large and fine.

PURPLE AND BLUE

Duke of Westminster. Very rich purple, tinted with violet. **Navy Blue.** Dark indigo blue. Large and well formed. **Horace Wright.** Large purple flowers on long stems.

WHITE

Nora Unwin. Nicely waved or fluted; usually has three flowers on a stem. One of the best white sweet peas yet introduced. **Shasta.** Vines vigorous. Standard and wings both waved. Creamy white when first open changing to ivory white. **Burpee's White Spencer.** Extra long stems bearing three or four pure white blossoms. Standards fluted. Pkt. 10c.

CREAM OR YELLOW

Primrose Spencer. Pronounced primrose; standard and wings crinkled. **Hon. Mrs. E. Kenyon.** Cream or pale yellow. Large flower. **Sybil Eckford.** Wings delicate lemon; standard blush pink on lemon ground.

LIGHT PINK

Countess Spencer. Enormous flowers, delicate pink shading deeper at the edges. Pkt. 10c. **Gladys Unwin.** A pale rose pink, with large bold flowers on long stems. Very early. **Lovely.** A soft shell pink. Very good.

SPECIAL MIXED. A well proportioned mixture of the above named varieties. Light or dark shades as preferred. 10c per oz., 20c per ¼ lb.; 60c per lb. postpaid.

DOUBLE MIXED. Double flowers all colors mixed 5c.

CHOICE MIXED. A good mixture of many old and new varieties, 5c per pkt.; 10c per oz.; 15c per ¼ lb.; 45c per lb. postpaid.



BALLOON VINE

BALLOON VINE. (Love in a Puff).

A rapid growing, graceful climber. Thrives in light soil. Height 5 ft. 5c **BALSAM APPLE AND PEAR.** Very rapid and dense climbers, with golden-yellow fruit which opens when ripe, showing the seed and blood-red inside. Mixed.....5c



CYPRESS VINE

CYPRESS VINE. A beautiful climber, with a profusion of scarlet or white star-shaped blossoms and finely cut foliage, adapted to ornamental work. 10 feet. Mixed.....5c

CANARY BIRD FLOWER. A rapid growing, delicate vine with clean, handsome foliage and an abundance of bright canary-yellow blossoms, somewhat resembling a bird with half extended wings. An excellent climber for shady places.....5c

COBAEA. A beautiful, rapid growing climber, with large purplish, bell-shaped flowers; plant the seeds edgewise, and cover lightly.....5c

DOLICHOS. (Hyacinth Bean.) Splendid climber, producing abundant clusters of pea-like purple and white flowers, followed by ornamental seed pods. 10 to 20 feet.....5c

GOURDS. These are desirable for many places where an immense amount of vine is wanted quickly. Most sorts grow 20 or 30 feet in a season.

Dish Rag. Many ladies prefer a dish cloth made of the sponge-like lining of this gourd to anything else, as it is always sweet and clean as long as any part of it is left.....5c

Sugar Trough. This gourd grows large, holding from 3 to 5 gal. Very hard shell.....5c

Nest Egg. Resembling the eggs of hens; are uninjured by cold or wet therefore make the best nest egg.....5c

Pear Shaped. Striped yellow and green.....5c

Mixed Gourds. All of the above.....5c

HUMULUS. (Japanese Hop.) A rapid growing climber of easy culture, leaves variegated. Sows itself after the first year.....5c

MOON FLOWER. (*Ipomea Noctiflora*.) One of the most vigorous climbers. Will grow 30 feet; its large white flowers open evenings and cloudy days. The hard outer coat of the seed should be cut through with a knife, and planted in warm rich ground. Keep the soil moist.....5c

MORNING GLORY OR CONVULVULUS. The well known kind. Mixed colors.....5c
Japanese Giant. The mammoth flowers of this vine run from 4 to 6 inches across and are marked with most beautiful colors and shading. The vines are strong and robust, growing from 30 to 50 ft. high during the season.....5c

NASTURTIUMS. Ideal ramblers that readily climb fences or wire netting. They are also very showy planted at the top of a steep slope, or simply trailing on the level ground. They endure hot, dry, weather very well and bloom continually till frost. Foliage clean and refreshing. These blooms are larger and the stems longer than the Dwarf Nasturtiums. Mixed, per oz., 10c.....5c

King Theodore. Rich deep crimson; dark leaves.....5c

Edward Otto. Brownish lilac.....5c

Scarlet. Bright glowing red.....5c

Mme. Gunther's Hybrids. Striped or blotched with shades of red, yellow and orange.....5c

Nankeen. Clear yellow.....5c

Pearl. (Moonlight) Whitish.....5c

Vesuvius. Brilliant salmon rose.....5c

PASSION FLOWER. One of the best summer vines for general growing. The beautiful blue flowers somewhat resemble a water lily in shape,10c

WILD CUCUMBER. A very rapid climber, often growing 30 feet in one season. It is covered with clusters of white, sweet scented flowers, followed by ornamental prickly seed pods. It is fine to cover a trellis, old tree or unsightly building, and will sow itself after the first year. Oz., 15c, Pkt., 5c.

SPECIAL NO. 16. For those who desire vines to cover long stretches of fence, etc., we have a mixture of 12 or more varieties of annual climbers 15c per ½ oz.; 25c per oz.

Seeds of Perennials and Biennials

In the following list we describe Biennials and Perennials which live in the garden and bloom the following year. While they do not bloom as quickly as Annuals, yet they are worth waiting for. They embrace some of our most beautiful flowers, and many continue to give a fine display for years. If these perennials are planted in the fall, one year's time will be gained, as most of them will bloom the following spring.

ADLUMIA. (Mountain Fringe or Allegheny Vine.) A desirable plant worth growing for is delicate graceful foliage resembling Maiden's Hair Fern. The second year it is a pretty climber with tiny pale pink flowers. Likes a shady location. Biennial.....5c

AQUILEGIA. (Columbine.) Early blooming, desirable perennial. The unique, long-spurred flowers, gracefully hung on long stems, are not only effective on the plant, but equally desirable when cut for vases. Mixed colors.....5c

BELLIS. (Double English Daisy.) Very pretty for edgings. Blooms during the spring. Sow early in house, and transplant to a rich, partially shaded situation. White and pink, mixed.....5c

CAMPANULA. (Canterbury Bells.) Popular perennials producing bell-shaped flowers of many different colors.....5c

COREOPSIS. *Lanceolata.* One of the best hardy perennials; flowers large, single, golden yellow, always graceful; will bear cutting well 5c



Aquilegia.

Seeds of Biennials and Perennials—Continued



CARNATION

CARNATIONS. Popular favorites, which are deliciously fragrant; colors extremely rich and beautiful. If protected will live out over winter.

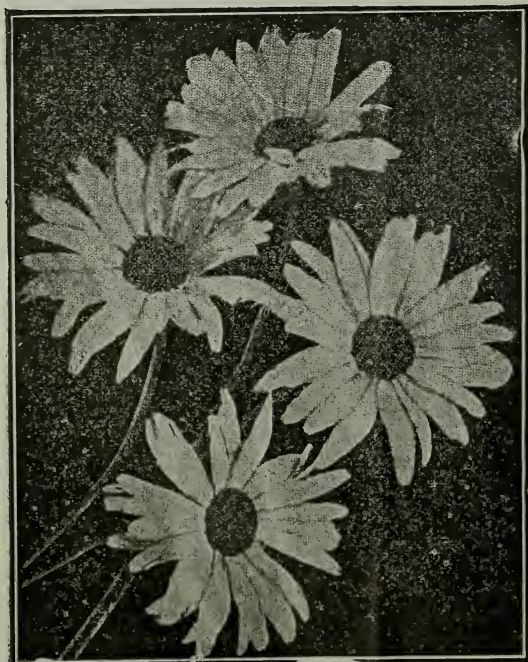
Extra Choice Mixed.....5c

Margaret. Dwarf habit, blooms in a few months from seed. Choice mixed.....5c

Red Grenadin. For yielding a quantity of double red flowers there is no outdoor carnation that can equal it.....5c

White Grenadin. Of good form and substance. Like the above except color.....5c

DIGITALIS. (Fox Glove.) Of easy culture, with thimble-shaped flowers borne in spikes. Prefer half shady place. 3 feet.....5c



DAISY, GIANT SHASTA

DAHLIA. A fine autumn flowering plant, will bloom the first year if started early. Keep roots in dry clear cellar during winter. Large flowering double. Mixed.....5c

Single Giant Perfection. Large Flowers. Mxd 5c

Double. Large flowering. Mixed.....5c

DAISY, GIANT SHASTA. Worthy of a place in every garden. A hardy perennial of the easiest cultivation, producing large, graceful, white flowers on long stems. Excellent for cutting. (See cut).....10c

DIANTHUS. Plumarius. The clove pink, sweet scented; flowers double fringed.....10c

DELPHINIUM. Hybridum. (Perennial Larkspur.) The best perennial known. The brilliant flower spikes are in every shade of blue. Blooms in June, continuing a long time if the flowers are cut before they fade.....5c

FORGET-ME-NOT. (Myosotis.) It flourishes best in a moist, shady situation. Bright blue 5c



ORIENTAL POPPY

(See next page for description.)

GYPSOPHILA. Panicula. (Baby's Breath.) Produces numerous panicles of small, white flowers; fine for bouquets.....5c

GAILLARDIA. Grandiflora. The perennial blanket flower. Perfectly hardy and requires little care.....5c

HOLLYHOCK. In situations suitable for tall flowers we know of nothing better. They are much superior to the old fashioned sorts. Sow in June and July to get blooming plants the next summer, or if planted in the house in February they will often flower the first season. Double. Pink, blood-red, pale yellow and white, each.....5c

Charters Superb. Double mixed.....5c

Allegheny. Edges of petals finely fringed. They are large sized, fairly double, with soft, rich colorings.....5c

LATHYRUS. (Perennial Peas.) Free flowering plants, growing five to ten feet high if given support. Will not bear transplanting. White and lilac, mixed.....5c

LYCHNIS. (Burning Star.) Chalcedonica. Showy and free flowering hardy perennials of easy culture. Verbena-like heads of bright scarlet flowers5s

PHLOX. Perfectly hardy and need no protection; once started, will flourish in any soil.....5c

POPPY. Oriental. Large, gorgeous, scarlet blossoms; bottom of petals black; one of the showiest of hardy perennials, producing flowers 6 inches and over in diameter very early.....5c

PENTSTEMON. Flowers bell-shaped, an inch and a half long, borne in racemes or spikes. The roots should have some protection in winter5c

PINKS. See Carnation, Page 52, and Dianthus, Page 52.

STOKESIA CYANEA. (Cornflower Aster.) A hardy perennial, bearing handsome lavender-blue cornflower-like blossoms. Height 2 ft.....10c

SWEET ROCKET. (Hesperis.) Sometimes called Dame's Violet Produces clusters of pink and white four-petaled flowers which are very fragrant during the evening. It grows readily in the open ground. 1½ ft. high.....5c



SWEET WILLIAM

SWEET WILLIAM. (Dianthus Barbat-us.) The plants when in flower are 18 inches in height and produce large clusters of brilliantly colored flowers, on stout, stiff stems. Sow seed in drills early in spring. When well started, thin out, or transplant.

Single. Mx.....5c
Double. Mx.....5c
Bright Red. Sg 5c
Pure White. Sg 5c

Colfax Co., Neb., Jan. 31, '10.
Last year we ordered some of your roses and I want to tell you that they prospered very well and nearly all blossomed the same year we planted them. JOHN L. ZRUST.

Free With An Order.

HOME FLORICULTURE--A NEW BOOK PUBLISHED 1911

IT ANSWERS THE THOUSAND AND ONE QUESTIONS ALWAYS ASKED ABOUT
FLOWERS AND SHRUBS.

Tells in everyday simple language how women Florists may succeed. Directions for making floriculture profitable as well as pleasant. Lists of all the most desirable plants for house or garden culture and full directions for growing them; ornamental vines, hardy shrubs, plants for cemetery use, for shady places, specimens, etc.

The chapters on lawns and landscape gardening are worth dollars to everyone who has even a small home place as they tell you how to make it attractive with but little expense, and save the cost of a high salaried landscape architect. The many little suggestions scattered through the book will assist you in making your place look not only more attractive but also "different" from your neighbors. There are talks on botany and how new varieties originate; on aquatic plants; on weeds and how to destroy them; insects and how to kill them, and plant diseases—how to cure or prevent them.

It contains chapters on propagating plants by seeds, cuttings, layering, divisions, etc.; including many suggestions for improved methods which have proved highly successful. How to prepare hotbeds and cold frames. How to build and conduct a private greenhouse and have an abundance of flowers all through the winter months.

The chapter on Cut Flowers will be read with much interest as it gives much practical information which has heretofore been considered in the line of "trade secrets" by professional florists and the amateur will be helped to produce artistic floral work and prepare their own decorations for weddings, banquets, etc. There are also numerous notes on almost every topic relating to floriculture.

It makes a book of 174 pages and is right up-to-date and more complete and better than similar books selling at \$2.00 to \$10.00 each. Price, 25c in paper covers. Given free with an order of Flower Seed, Plants or Bulbs amounting to \$2.00 or more.

BIRD SEEDS

We carry a complete stock of clean, pure Bird Seed.

CANARY. (Sicily.) Superior to all other varieties. In demand by all bird dealers and others who desire best grade of seed. 1 lb., 10c; 3 lbs., 25c. By mail, 1 lb., 18c; 3 lbs., 50c.

CUTTLE BONE. Important for canaries, parrots, and all seed eating birds. 2 for 5c. By mail, 4c each; 45c per dozen.

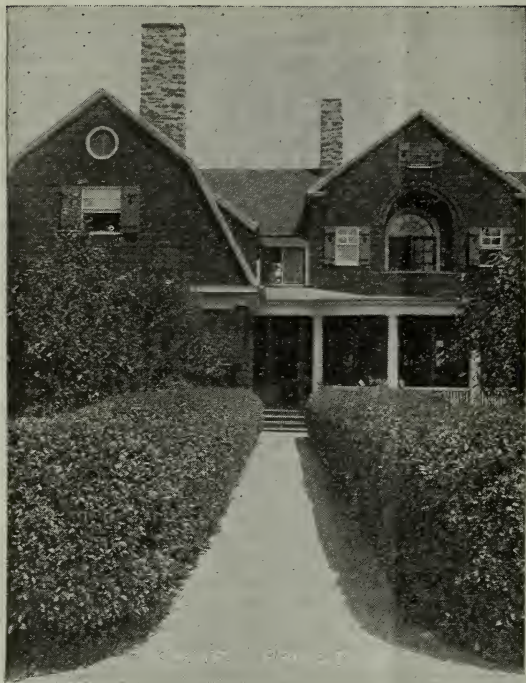
HEMP, RUSSIAN. A very rich, oily seed, much liked by all birds. Should be fed sparingly as it fattens the bird and injures the song. 1 lb., 10c; 3 lbs., 25c. By mail, 1 lb., 18c; 3 lbs., 50c.

MIXED SEED FOR CANARIES. All clean, plump seed in the proportions called for by experienced bird fanciers. This you will find more economical than package seed. 1 lb., 7c; 4 lbs., 25c; 17 lbs., \$1.00. By mail, 1 lb., 16c; 4 lbs., 57c.

RAPE. Very desirable to furnish variety. Many bird fanciers feed only canary and rape for regular diet of canary birds. 1 lb., 10c; 3 lbs., 25c. By mail, 1 lb., 18c; 3 lbs., 50c.

MAMMOTH RUSSIAN SUNFLOWER. Most important food for parrots. Very nutritious and is liked by all large seed eating birds. Can be fed freely at all times. Better order a year's supply and have it sent by freight. 1 lb., 10c; 3 lbs., 25c; 13 lbs., \$1.00; 50 lbs., \$3.50; 100 lbs., \$6.50. By mail, 1 lb., 20c; 3 lbs., 50c.

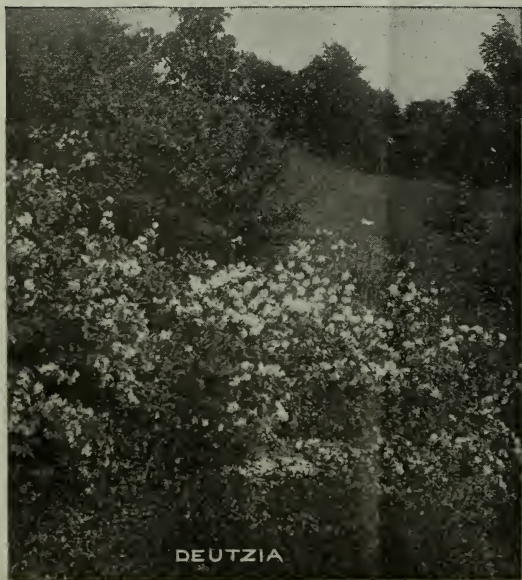
PADDA OR UNHULLED RICE. Ordinary rice of commerce in its natural state. A strengthening food for parrots, red birds, etc. 1 lb., 10c; 3 lbs., 25c; 13 lbs., \$1.00. By mail 1 lb., 20c; 3 lbs., 50c.



CALIFORNIA PRIVET. (*Ligustrum*.) No plant has come more rapidly and deservedly into public favor as a hedge. Is of vigorous growth, has glossy dark green foliage, keeping its color until after Christmas. Almost evergreen, 40c per 10; \$3.50 per 100, by express.

BECHTEL'S DOUBLE-FLOWERING CRAB. (*Pyrus Coronaria*.) One of the most beautiful of the many fine varieties of flowering crabs. Tree of medium size, covered in early spring with large, beautiful, double fragrant flowers of a delicate pink color. From a distance the flowers have the appearance of small roses. Tree blooms when quite young. 4 feet, 60c each, by express.

FLOWERING CURRANT. An attractive shrub with fragrant golden-yellow flowers and deep scarlet fruit. 40c each, by express.



DEUTZIA

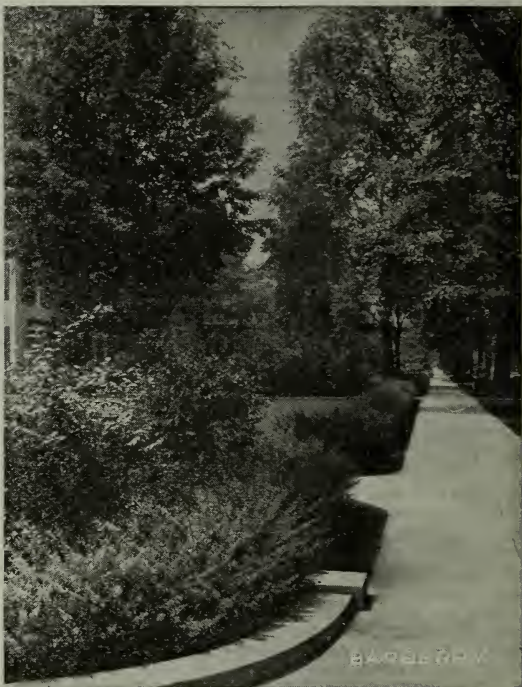
Ornamental Shrubs

We pay all express changes on orders amounting to \$5.00 or more.

There is nothing which so quickly, and for so little cost, adds so much to the beauty, cheerfulness and home-like appearance of a place as an assortment of hardy shrubs. They are permanent improvements which increases in size, value and beauty, year after year. Our price is for strong, healthy, field grown plants, 3 year old and 4 to 5 feet high.

BARBERRY. (*B. Thunbergii*.) From Japan; of dwarf habit, small foliage, changing to a beautiful coppery red in the fall; is very ornamental when used as a hedge. 60c per 10; \$5.00 per 100, by express.

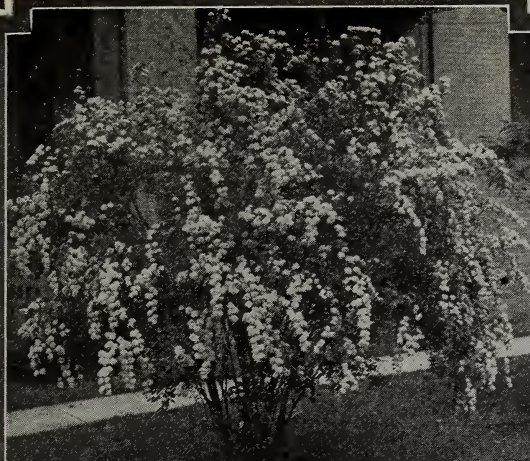
Purple Leaved. (*B. Vulgaris*.) Grows three to five feet high; foliage and fruit violet purple; very effective in groups or masses; yellow blossoms. 90c per 10; \$8.00 per 100 by express.



SIBERIAN DOGWOOD. (*Cornus*.) A very brilliant shrub in early spring, when the bark is intensely colored. Free growing, 6 to 10 feet tall, and very hardy; forms a small, handsome tree in some situations; its clusters of small, white flowers in early summer are very dainty, and its bark is a showy dark red in winter. In early fall it bears a profusion of whitish blue berries, making it distinctly ornamental after the flowers have gone. 50c each, by express.

DEUTZIA, PRIDE OF ROCHESTER. The large Flowered Deutzia. A vigorous grower, profuse bloomer, and one of the earliest to come into bloom. Flowers large double white, slightly tinged with rose. The plant grows 3 to 4 feet tall. Desirable for groups and as a specimen plant on the lawn. 50c each, by express.

FLOWERING ALMONDS. (*Prunus*.) The Flowering Almonds are pretty dwarf bushes that bloom quite early and are very showy in spring. Their slender, leafless, upright branches are entirely hidden by stemless, very double flowers resembling small roses. Grows to a height of 4 to 5 feet and blooms in May. One of the best flowering shrubs and can be highly recommended for the Western states. Pink or White, 50c each, by express.



BRIDAL WREATH

FORSYTHIA. (Golden Bell.) Few, if any, of the spring flowering hardy shrubs can surpass the splendor and brilliancy of the Forsythia. Their grace and beauty give them a prominent place in all shrub plantations. Of upright, vigorous growth; foliage rich dark green and lustrous. Flowers brilliant golden yellow, borne in great profusion early in April, before the leaves appear. The beauty and easy culture recommend this fine shrub for general use. 40c each, by express.

SPIREA VAN HOUTTII. (Bridal Wreath.) The grandest of all spireas. Very beautiful for the lawn. When in bloom it is a perfect fountain of white blossoms, the foliage hardly showing. Perfectly hardy and vigorous grower. A very good plant for a fancy hedge. Grows 4 to 5 feet high, and blooms in early June. 40c each, hedge size; \$1.50 per 10, \$12.00 per 100, by express.

SCARLET JAPAN QUINCE. (C. Japonica.) One of the best flowering shrubs; flowers a bright scarlet crimson, borne in great profusion in early spring; foliage retains its color of bright glossy green the entire summer; hardy; makes a good hedge. 40c each; hedge size \$1.50 per 10; \$12.00 per 100, by express.

HONEYSUCKLE, UPRIGHT RED TARTARIAN. (Lonicera Tatarica.) The best known of all the Bush Honeysuckles and in our estimation the finest variety of all. Grows to a height of 8 to 10 feet with upright somewhat spreading branches and bright green foliage. The flowers are borne freely in May and June, are of bright pink color, followed by showy red berries, which ripen in midsummer, and cling to the bush for several weeks. This fine shrub is of great value planted as a background for smaller shrubs or in a commanding position where their size will make them conspicuous. It is one of the best shrubs for northern latitudes, as it withstands successfully the severest winters. 50c each, by express.

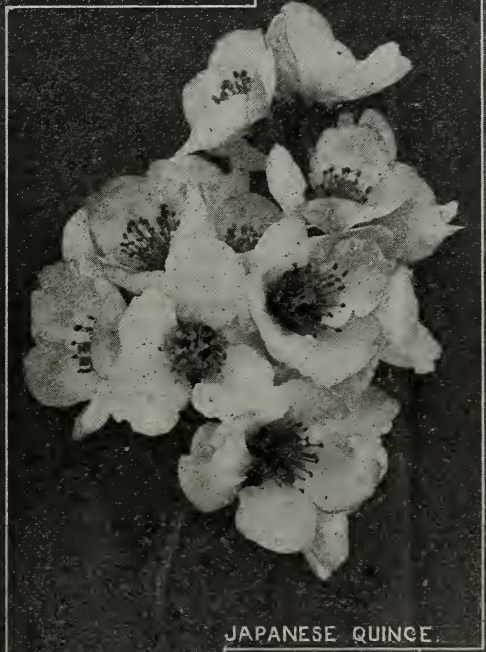
HYDRANGEA PANICULATA GRANDIFLORA.

The large flowering Hydrangea. Without question, the most popular of the Hydrangeas, as well as one of the showiest of all shrubs. The flowers are borne in immense pointed clusters, nearly a foot in length, creamy white when fully expanded, and continuing in bloom for a long time. Later the huge flower-heads change to tones of roses and bronze where exposed to the sun. The bush grows 4 to 6 feet tall. Unsurpassed for the lawn, for hedges, parks or cemetery planting, either in groups or as single specimen plants. Wherever large masses of white flowers are desired in landscape planting the best shrubs for the purpose is the large-flowered Hydrangea. 50c each, by express.

GOLDEN ELDER. (Sambucus Aurea.) A variety with golden yellow foliage. A valuable plant for producing contrast when planted with other shrubs. Grows to a height of about 6 feet, and is of vigorous, spreading habit. In early summer it bears large, flat clusters of small, fragrant white flowers, followed by heavy clusters of black, edible berries, borne in profusion and bearing the branches down. Should have full sun to give best effects. Grows well on all soils and can be pruned into a neat, compact little bush. One of the best golden foliaged shrubs. 50c each, by express.

HIGHBUSH CRANBERRY. (Viburnum Opulus.) A magnificent large shrub, with upright, spreading form, and bright green foliage. The small, white flowers appear in May or June borne in glorious large showy clusters in such profusion that it is admired by everyone. These are followed by very showy scarlet berries which cling to the bush all winter, being almost as effective as the flowers in summer. It will thrive and grow to perfection in the coldest climate, or where the extremes of heat and cold are the greatest, and requires no protection in winter. 50c each, by express.

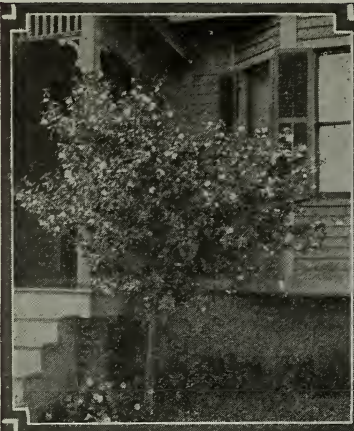
HIGHBUSH CRANBERRY. (Viburnum Opulus.) A magnificent large shrub, with upright, spreading form, and bright green foliage. The small, white flowers appear in May or June borne in glorious large showy clusters in such profusion that it is admired by everyone. These are followed by very showy scarlet berries which cling to the bush all winter, being almost as effective as the flowers in summer. It will thrive and grow to perfection in the coldest climate, or where the extremes of heat and cold are the greatest, and requires no protection in winter. 50c each, by express.



JAPANESE QUINCE



HYDRANGEA



ALTHEA

ALTHEA. (Rose of Sharon.) Unsurpassed by any hardy shrub for freedom of bloom. From mid-summer until frost, when few other shrubs are in bloom, the Althea blossoms freely. Grows 4 to 6 feet tall. They have rich foliage and bear large flowers. Of the easiest culture and very hardy, thriving splendidly here in the West.

Jeanne De Arc. Double pure white.

Boule De Feu. Very double deep red.

Speciosa. Double rosy pink.

Duc De Brabant. Dark rose, large double flowers.

All Althea, 50c each, by express.

PURPLE FRINGE or SMOKE TREE. (Cotinus.)

A valuable ornamental shrub; has curious fringe or hairlike flowers that cover the whole tree, giving the appearance of mist or smoke; wide spreading habit which requires some room to grow to the best advantage. 50c each, by express.

LILAC, PERSIAN. The old-fashioned Lilac, which grows into a very high bush with bright green, heart-shaped leaves. In May the plant is crowned with its wondrous wealth of flowers in clusters. It is, without doubt, the best known and most popular shrub grown. A fine tall shrub for the lawn and one of the best for a fancy hedge. Can be used to good advantage in making effective backgrounds for smaller shrubs. Hardy everywhere. Purple or white. 50c each, by express.

WEIGELIAS. Beautiful shrubs that bloom in May, June and July. The flowers are produced in so great profusion as almost entirely to hide the foliage. They are very desirable for the border or for grouping, and as specimen plants for the lawn.

Candida. Flowers pure white, produced in June and continue to bloom nearly all summer.

Eva Rathke. Beautiful flowers with a clear, distinct shade of brilliant crimson.

Rosea. An elegant variety with fine rose colored flowers appearing in June.

Price of above Weigellias 50c each, by express.



SMOKE TREE



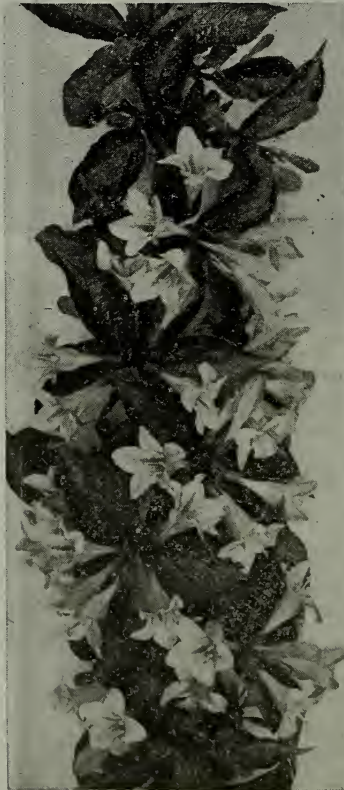
MOCK ORANGE

MOCK ORANGE OR SYRINGA. (Philadelphus.)

A hardy, upright growing shrub with arching branches, attaining a height of 8 to 10 feet. Flowers are large, creamy-white, deliciously fragrant, and appear in greatest profusion in May and June; splendid for cut-flowers. Hardy everywhere and valuable for the production of immediate effect in landscape planting. Fine for hedges. The Mock Orange is one of the old-fashioned shrubs that add beauty, grace and perfume to our gardens. 50c each, by express.

SNOWBALL. (Viburnum.)

Common Snowball. (V. Opulus Sterilis.) The old-fashioned snowball; grows 6 to 8 feet high; its large globular clusters of pure white flowers are produced in May and June and make a very attractive appearance. 40c each, by express.



WEIGELIA

Spirea, Anthony Waterer. This beautiful variety produces flowers of a bright crimson and blooms so freely that it may be kept flowering throughout the summer till late fall by trimming away the dead blooms. The foliage also is very handsome, being variegated with creamy white or yellow. 40c each, by express.

We cannot ship nursery stock into Wyoming.

NOTICE

If you are not just sure how to fix up your lawn or vacant lot send us ruff drawing showing location and size of buildings and other permanent improvements and we will plan it for you and show you how you can beautify your grounds beyond your expectations by using these most beautiful permanent shrubs and ornamental trees.

Hardy Ornamental Climbing Shrubs

Your home, out-buildings, fences and trunks of old trees can be made very attractive by the use of hardy vines. Such permanent improvements add greatly to the value of your property, and the value increases from year to year. We furnish nice, strong, field grown plants at prices given below.

Ampelopsis

AMERICAN IVY OR VIRGINIA CREEPER. (*A. quinquefolia*.) One of the finest vines for covering walls, verandas or trunks of trees; foliage green, turning to a rich crimson in autumn; a rapid grower and quickly fastens to anything it touches. Large 30c each; postpaid.

BOSTON IVY. (*Veitchii*.) Leaves smaller than the American; forms a dense sheet of green as leaves overlap each other; is a little difficult to start, but when once established requires no further care; foliage changes to a crimson scarlet in the fall, very valuable for covering brick or stone structures, rookeries, walls, etc. Small 12c each, 3 for 30c; large 35c; postpaid.

ENGLEMAN'S IVY OR WOODBINE. It has shorter joints, smaller and thicker foliage than Boston Ivy. It is better equipped with tendrils with which to climb closely-built walls of stone or brick. It is the best Ivy to be planted in the central and northwestern states, as it is perfectly hardy, withstanding both heat and cold. Small 12c each, 3 for 30c; large 35c; postpaid.

Greely Co., Nebr.,
Apr. 7, '11.—Received
the Barley and Seed
Corn and am well
pleased with the way
you promptly handled
my order even
though it was small.
C. A. NELSON.

Large Flowering Clematis

JACKMANII. The well-known large flowering blue clematis. The beautiful flowers, when fully expanded, measure 4 to 6 inches in diameter, intense violet-purple with a rich velvety appearance, distinctly veined. It blooms continually from July until cut off by frosts. Plant is hardy, abundant and successful bloomer. Small 15c each, 3 for 40c; large 50c; postpaid.

PANICULATA. The small flowering, sweet scented Japan clematis. One of the most vigorous and beautiful of all climbers. It is a rapid grower, and desirable wherever a quick growing vine is needed, on walls, verandas, fences, etc. In late summer it produces dense sheets of medium sized, pure white flowers, of the most pleasing fragrance. Will grow in almost any soil, and is entirely free from blight and insects. Small 14c each, 3 for 35c; large 40c; postpaid.

HONEYSUCKLE

Hall's Japan. (*L. Hallena*.) A strong, vigorous vine with pure white flowers, changing to yellow; foliage remains green well into winter; very fragrant and covered with flowers almost the entire season; one of the best bloomers. Small 12c, 3 for 30c; large 45c; postpaid.

Monthly Fragrant. (*L. Piericlymenum*, Belgica.) Blooms all summer; flowers red and yellow and very fragrant. Small 12c each, 3 for 30c; large 45c each; postpaid.

Scarlet Trumpet. (*L. Semper virens*.) One of the handsomest in cultivation; a strong, rapid grower; flowers a bright scarlet, not much odor. Small 12c each, 3 for 30c; large 45c each; postpaid.

BIGNONIA or TRUMPET CREEPER. (*Tecoma Radicans*.) Scarlet trumpet flowers with long, handsome dark green foliage and quite showy clusters of orange and scarlet flowers during the summer. Large only, 45c each; postpaid.

WISTARIA, CHINESE PURPLE. This variety bears in great profusion large, drooping clusters of purple pea-shaped flowers, somewhat resembling a bunch of grapes in size and form. Blooms in May and June and sometimes again in the fall. Foliage is very pretty, of pale green color. An exceedingly beautiful and useful climbing plant that may also be trained to tree form. Small 12c each, 3 for 30c; large 45c each; postpaid.



JAPANESE HONEYSUCKLE



CLEMATIS, JACKMANII



WISTARIA, CHINESE PURPLE

NOTE: The "large" Roses are 2-year-old; "Small" 1-year-old.

ROSES

Order in spring, not later than June 1st.

The Rose, the Queen of the Flowers, is justly one of the most popular. Few plants give better satisfaction to the lover of beautiful flowers, when properly treated. To obtain the most satisfactory results, roses should be planted in well drained, rich, deep loamy soil, and given a location where they will have sunlight and a circulation of air. For winter protection an application of composite or rotten manure should be given them in the late autumn, and spaded into the ground the following spring. All our 2-year-old roses are field grown plants, about 2 to 3 feet high and well rooted, which, under ordinary conditions, should produce flowers the first season.

Hardy Hybrid Perpetual Roses

(June Roses)

There is little question that June Roses are the most valuable of all hardy plants. They are of vigorous, upright growth, have large, bold flowers, frequently measuring 5 to 6 inches in diameter, and are calixy and are so hardy that Roses will succeed in any lo- they will live through the severest winters with but a light protection of leaves or coarse manure.

NOTICE.

If the plants look wilted when received put them in lukewarm water for 15 or 20 minutes. Set the plants at least two inches above the first joints or branches and press the soil firmly around the roots. Give them a good watering. Shade from sun and wind until they begin to grow.

GEN. JACQUEMINOT. A grand old rose which everyone knows at least by name and reputation. Rich, crimson-scarlet in color and especially handsome in the bud. Although introduced nearly fifty years ago, it is still unrivaled in popularity and of great value for garden planting. Small 15c each, 3 for 40c; large 35c each; postpaid.



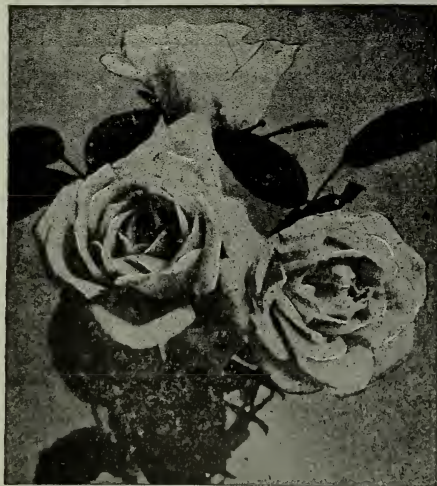
MME. PLANTIER—THE CEMETERY ROSE. Needs no care. This grand variety, when once planted, is as permanent as a Hydrangea. It is hardy as an Oak, and for outdoor planting it is the

GEN. JACQUEMINOT

best white. We recommend it for cemetery planting because of its permanency. Flowers are pure white, very large and double; it is a profuse and continuous bloomer. Good white hardy roses are scarce—this is one of the very best. Should never be pruned except to remove old or scraggy branches. Small 15c each, 3 for 40c; large 35c each; postpaid.

MRS. JOHN LAING. A splendid, constant-blooming Hybrid Perpetual, perfectly hardy, with immense flowers, full and double, borne in great profusion on long, stiff stems, exceedingly sweet. The color is a clear, bright, shining pink, exquisitely shaded. Small 15c each, 3 for 40c; large 35c each; postpaid.

FRAU KARL DRUSCHKI. (White American Beauty.) A variety to be worthy of the name White American Beauty must needs be a great rose. Extraordinarily strong growing, branching freely, it has the vigor and hardness of an oak. The foliage is large and of heavy texture. The glory of this plant is its flowers, which are immense in size and produced with freedom during the growing season. An ordinary plant will produce hundreds of magnificent flowers, which are full, very deep and double and of splendid substance. Petals broad and long. The buds are egg-shaped, long and pointed. The color is marvelous, snow-white, without a tinge of yellow, pink or any other color. If you want the best and hardiest white rose in cultivation, this variety will meet your every want. It will prove hardy everywhere. Small 16c each; large 40c each; postpaid.



FRAU KARL DRUSCHKI

PAPA GONTIER. Extra large, finely formed buds and flowers; strong, robust grower; constant bloomer; rich rosy red; very full and sweet. Small 12c each; large 35c each; postpaid.

SOUVENIR DE PIERRE NOTTING. Apricot-yellow changing to clear yellow; long buds opening to finely formed flowers; a distinct

variety that has been awarded many medals. Extra fine. Only large, 35c each; postpaid.

SOUVENIR DE PRESIDENT CARNOT. A rose of extraordinary beauty; the color is lovely sea shell pink, delicately tinted with golden-fawn on rich creamy-white. Only large, 35c each; postpaid.

Choice Standard Ever-Blooming Tea and Hybrid Tea Roses

The Roses in this class are highly valued because of their fine colors and tea fragrance. They will bloom freely from June to November, even the one-year size plants (two-year-olds will, of course, bloom more). If planted in the spring so that they may become thoroughly established during the summer, and then protected during the winter, they will, with few exceptions, prove hardy.

AMERICAN BEAUTY. Well known as one of the grandest and most beautiful constant-blooming roses; immense buds and flowers. rich glowing crimson, exceedingly sweet. Small 16c each; large 40c each; postpaid.

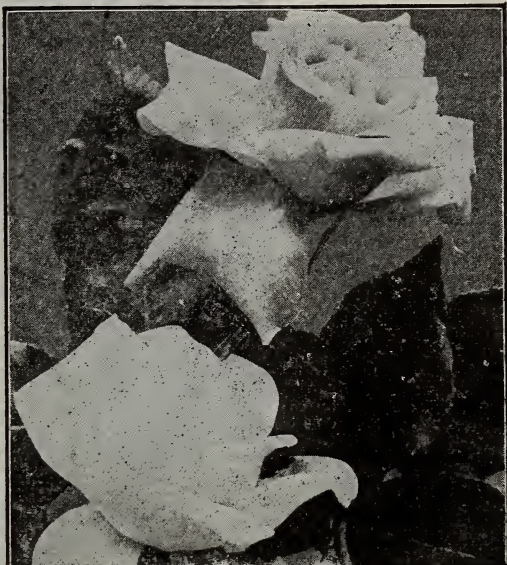
CHERRY RIPE. An extraordinarily free-flowering Hybrid, branching in habit, vigorous and hardy, and as free as a Tea Rose. The flowerers are medium in size, well formed, globular, light rosy-crimson; as fragrant as the Hybrid Perpetuals. Large size only, 35c; postpaid.

J. B. CLARK. On exhibition J. B. Clark has been shown with flowers 7 inches in diameter and 5 inches deep. Think of it! There is no description adequate to cover such a phenomenal Rose as this. It is a strong, upright grower, with splendid, heavy, dark bronzy-green foliage, but the glory of the plant is its flowers. They are extraordinary in size, beautifully formed petals of great depth and substance; the half opened bud full and elongated, with a high pointed center. The color is new—intense deep scarlet, heavily shaded blackish-crimson like the sheen on a plum, giving the expanded flower an indescribably beautiful appearance. Fragrance intensely sweet. Small 15c, 2 for 25c; large 40c each; postpaid.

ETOILE DE FRANCE. Color, superb, velvety crimson with the center a vivid cerise. The buds are long and pointed, borne singly and erect, flowers are very large, valuable for cutting. The foliage is a handsome bronze-green. Small 12c each, 3 for 30c; large 35c each; postpaid.

ETOILE DE LYON. This magnificent Tea Rose is a rich golden yellow; a strong, healthy and vigorous grower, immense bloomer. Will withstand very well, both heat and cold. Small 12c each, 3 for 30c; large 35c each; postpaid.

GOLDEN GATE. Rich, creamy white, beautifully tinged with golden yellow and rose; a constant bloomer, large, very double. Large 35c each; postpaid.



WHITE MAMAN COCHET

KAISERIN AUGUSTA VICTORIA. Color, pure, snowy white; a continuous bloomer, producing successive crops of buds and flowers in greatest profusion. Buds and blossoms are beautiful and fragrant. Small 12c, large 35c; postpaid.

METEOR. Remarkable for its large size, constant bloom and brilliant color; bright, rich, velvety crimson, and a most constant and abundant bloomer. Small 12c each; large 35c each; postpaid.

GRUSS AN TEPLITZ. Succeeds under the most ordinary conditions. In color it is of the richest scarlet, shading to velvety crimson; a free, strong grower, quite hardy and a most profuse bloomer all summer. Foliage very beautiful. Small 12c each, 3 for 30c; large 35c each; postpaid.

KILLARNEY. There is no rose we know in this class that blooms more freely than Killarney and the large size of the flowers and substance of petals are remarkable, petals measuring 2½ inches deep. The buds are large, long and pointed. The color is exquisite, a brilliant imperial pink, almost sparkling, and beautiful beyond description. Small 12c each; large 40c each; postpaid.

MADAME JENNY GUILLIMOT. Buds long and pointed, deep saffron-yellow, opening canary, with dark golden shadings; blossoms large, petals immense; exquisitely beautiful. Only large, 35c each; postpaid.

MAMAN COCHET. This superb rose is well known as the queen among roses and one of the best and most beautiful varieties ever grown and quite hardy. The flowers are of enormous size, very full and of great depth and substance. Color, rich, coral pink, elegantly shaded with rosy crimson, has broad, thick, shell-like petals and makes superb long pointed buds, immense bloomer, continues loaded with buds and flowers the whole season. Deliciously sweet and a hardy, vigorous grower. It ranks among the very finest hardy everblooming roses, has no superior and should be included in every collection. Small 12c each; large 40c each; postpaid.

WHITE MAMAN COCHET. Identical with its parent Maman Cochet in everything except color, which is snow white, with sometimes a tinge of pale blush. It has the same freedom of bloom and same magnificent form of buds and flowers, and the same hardiness. Standing at the very head of all roses as the best white kind for open grown culture. Very vigorous and hardy nearly everywhere. Small 12c each; large 40c each; postpaid.



KILLARNEY

THE THREE SOUPERT ROSES

\$1.00 POSTPAID

Hardy. Bloom continuously. Will be a Source of Constant Pleasure

In Ordering Give Simply the Name of the Collection.



CLOTHILDE SOUPERT

ranks first for blooming in the house. It is entirely exempt from the diseases usually affecting Roses in the House. 35c; postpaid.

MOSELLA. (Yellow Soupert.) Fully as free blooming as Clothilde Soupert or Pink Soupert, and like them, a strong, dwarf, bushy grower. Flowers are very double and of the same Camellia-like form as Clothilde Soupert. Buds exceedingly dainty and attractive. The color is white on beautiful light yellow ground, which becomes a chrome yellow in the center of the flower. Hardy, without protection as far north as New York City, and if protected during the winter with a mulch of leaves or straw it can be grown almost anywhere that other roses succeed. 35c; postpaid.

PINK SOUPERT. A lovely ever-blooming rose, as beautiful as Clothilde Soupert, but deeper color; medium size flowers, perfectly full and double; blooms all the time; color, fine rose pink, but variable. The same bush frequently bears flowers of different colors at the same time; grows low and bushy and is quite hardy. 35c; postpaid.

TWO ROSE SPECIALS

WEDDING BELLS COLLECTION

One of each for 32c; postpaid

THE BRIDE. (White Tea Rose.) Flowers very large on long, stiff stems. They last a long time after being cut, making it one of the best for bouquets. Some times a pinkish white in very hot weather but usually a pure white. Small 12c each; large 35c each; postpaid.

BRIDESMAID. (Pink Tea Rose.) A clear, shining pink, on long strong stems. Lasts a long time after cutting. A very fitting companion to the above. Small 12c each; large 35c each; postpaid.

RICHMOND. (The Ever-blooming Gen. Jacqueminot.) It is free blooming, and its scarlet-crimson flowers are borne on fine, long stems, which make it especially valuable for cutting purposes. It comes to perfection without special care or culture. Produce freely throughout the year, long, pointed buds on tall, straight stems with elegant dark foliage. Has as delicious fragrance as American Beauty. Small 12c each; large 35c each; postpaid.

THE "TRIPLETS" COLLECTION

One of each for 40c; postpaid

BABY RAMBLER. (Crimson.) Possesses all the charming, brilliant red color of the Crimson Rambler, only it is dwarf and everblooming. Begins blooming when only a few inches high. A plant in a 5 or 6 inch pot is a thing of beauty. Also an excellent bedder, forming clusters of flowers as large as the Crimson Rambler. Small 12c each; large 35c each; postpaid.

BABY DOROTHY. A splendid companion to the crimson Baby Rambler; is just as vigorous and free blooming. This is much the same as the climber Dorothy Perkins, hence the appropriateness of the name "Baby Dorothy." As a pink bedding rose it has no equal. Small 15c each; large, 35c each; postpaid.

WHITE BABY RAMBLER. This rose has identically the same habit of growth and freedom of bloom as the other two "Baby" roses. No collection of dwarf roses is complete without the White Baby Rambler. Small 15c each; postpaid.

MOSS ROSES

Moss roses are strong, vigorous growers, perfectly hardy and like rich ground. Both flowers and buds have an abundance of lovely deep green moss; very free flowering.

BLANCHE MORREAU. Flowers in clusters, and are large, full and sweet, pure white.

PRINCESS ADELAIDE. One of the best; extra large flowers; color bright rosy pink.

CRIMSON GLOBE. A fine deep crimson. Price of Moss Roses, 15c each; three (one of each) for 40c

Hardy Climbing Roses

Orders for Roses in this list should reach us by April 15 at the latest.

BLUE RAMBLER. Veilchenblau. (Violet blue.) For years it has been the endeavor of rosarians to produce the blue rose, and their efforts have at last succeeded in the production of Veilchenblau. The semi-double flowers come in clusters similar to the Crimson Rambler. When first open, they are partly bright red, partly bright rose but soon change to a steel blue. It is a hardy, vigorous grower and is not troubled by mildew. Small 15c each, 3 for 40c; large 50c each; postpaid.

CRIMSON RAMBLER. It is a vigorous grower, making a gorgeous display of brilliant crimson clusters of blossoms, each cluster a bouquet in itself. The blooms remain on

the plant for a long time without losing their brightness. Small 12c each, 3 for 30c; large 35c each; postpaid.

DOROTHY PERKINS. The flowers are a most beautiful shell pink and hold a long time without fading. About one and a half inches across; are borne in clusters of from ten to thirty and are very double; the petals are very prettily rolled back and crinkled; the buds are remarkably pretty. In hardiness, vigor and habit of growth it is all that can be desired. The foliage is of deep green, of thick, leathery texture, and remains on the plant in perfect condition till well on into the winter, making it almost an evergreen variety. Small 12c each, 3 for 30; large 35c; postpaid.

EVERBLOOMING CRIMSON RAMBLER. (Flower of Fairfield.) The Flower of Fairfield is in form and color like the ordinary Crimson Rambler. It begins blooming early in the spring and continues to produce repeated crops of bloom until late in the autumn. This rose is not only good for covering trellises but is also excellent for cutting. Small 15c each, 3 for 40c; large 50c each; postpaid.

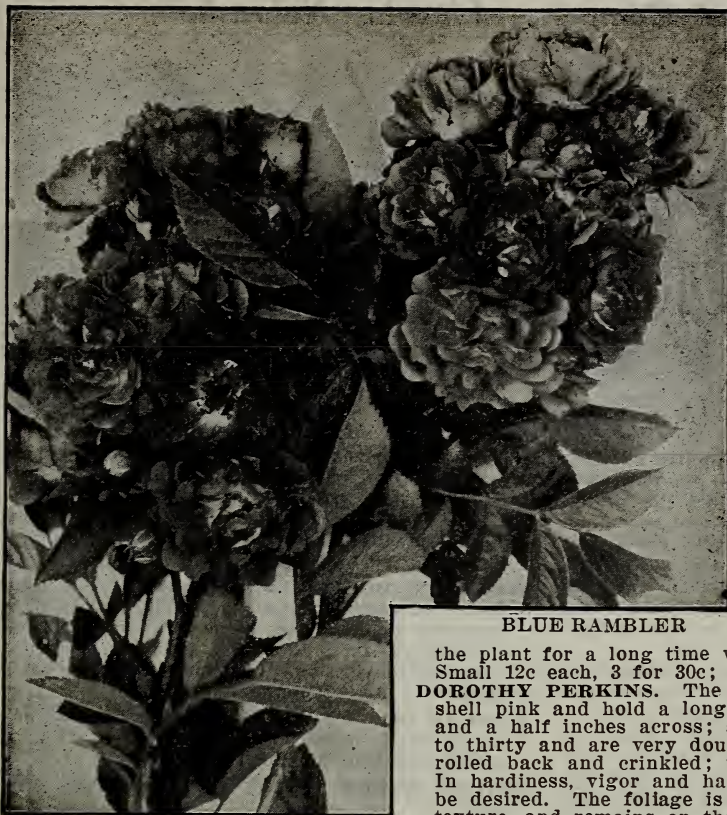
LADY GAY. Flowers are deep, clear rich rose pink; immense trusses like Crimson Rambler. Healthy, hardy and very rapid grower. Large size only, 35c; postpaid.

PHILADELPHIA RAMBLER. Blooms two weeks earlier than the Crimson Rambler. Flowers are perfectly double, borne in large clusters, completely covering the bush. Small 12c each, 3 for 30c; large 35c; postpaid.

TAUSENDSCHON. (Thousand Beauties.) The flowers appear in large clusters from the beginning of June to the end of July. The color is a soft pink changing to a rosy carmine. Small 15c each, 3 for 36c; large 35c; postpaid.

PHALIA. (White Rambler.) Produces immense clusters of pure white roses; perfectly double, of delightful fragrance. Large size only, 35c; postpaid.

HARDY WHITE MEMORIAL ROSE, WICHURAIANA. Will creep all over the ground or can be trained up to a trellis. Hardy as grass, and will grow in sun or shade, poor ground or rich. Needs no protection, will care for itself and bloom profusely every season, without attention. The flowers are single and very large, pure satiny white, with bright golden center. Borne in clusters. Small 12c each, 3 for 30c; large 35c each; postpaid.



BLUE RAMBLER



FLOWER OF FAIRFIELD

HARDY PERENNIAL PLANTS

GERMAN IRIS

Perennials have never been so popular as they are at the present time. When planted once they are always there: living through the winter with little or no protection, the flowers becoming better as the plants grow older. Will grow well in any good soil, which may be enriched with decomposed manure or bone meal. The varieties we list are perfectly hardy, the tops dying down in winter, but coming up again in the spring. Our prices are for field grown plants.

IRIS. This was the resplendent Goddess of Mythology; the Rainbow deified; also called the Fleur-de-Lis, the floral emblem of France.

These flowers have been overlooked. They are perfectly hardy and exceedingly beautiful. As they multiply with great rapidity, one does not have to expend a great sum in order to get a fine bed of them started. Put the Iris in a sunny place where, if possible, they will have some building or a hedge to protect them from the wind. The flowers are so very delicate that they soon lose their beauty if the storms sweep over them. The ground should be rich, and well supplied with water. Spade the earth deep and plant

the roots 18 inches apart, covering them 2 inches. Keep them well cultivated and you will be well repaid for your trouble.

If the buds are cut just before they open they will last much longer, the new ones opening as soon as the old ones fade.

SIBERIAN BLUE. Probably the finest blue flower on earth. A real deep blue, not at all a purplish shade. The stems are long and as the flowers last a long time in water, they are excellent for cutting. 15c each, 6 for 50c; postpaid.

GERMAN IRIS. (See heading.) The Iris so commonly seen. Often called Flags. Blooms in great profusion during June and July.

SILVER QUEEN. White with a delicate blue edge.

GYPSY QUEEN. Yellow and brown, very showy.

LILAC. Palest blue.

CREAM. A fine cream color.

WHITE. Pure white.

BLUE. The common blue Iris.

15c each, 6 for 50c; postpaid.

HARDY PHLOXES

These we consider the most desirable of all hardy perennials, flowering abundantly from July until late in the autumn. The immense flower heads often measure 7 inches across with flowers as large as a half dollar, and comprise all shades—vermillion to white. They delight in sunny location and rich soil, but are by no means particular. Height, 1 to 2 feet.

ATHIS. Deep, clear salmon. Some claim this to be the showiest variety in cultivation.

COQUELICOT. The finest and brightest red of all the Phlox, the color is a bright orange-scarlet.

LA PERLE DU NORD. Pure white; large, deep, distinct red eye; extra fine.

LOTHAIR. Clear, even carmine, deep crimson eye.

MISS LINGARD. Pearly-white flower, with a very faint pink eye; very remarkable bloomer, producing two or three crops of flowers during the season. Indispensable as a cut flower for florists' use.

PANTHEON. Large, deep, clear, bright pink with faint halo; a charming variety.

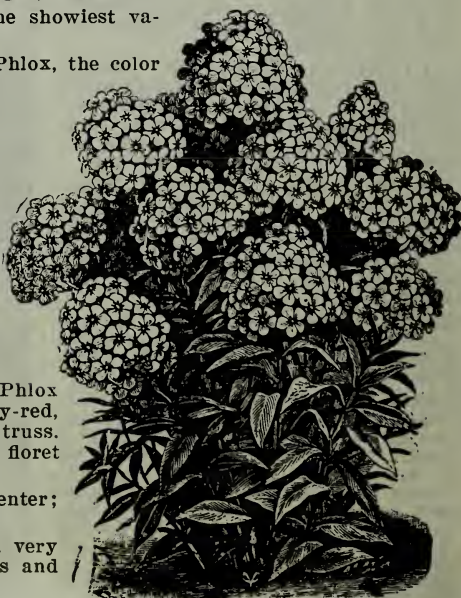
RICHARD WALLACE. Pure white, with violet-rose eye; large flowers in immense panicles. Too much cannot be said of this variety.

R. P. STRUTHERS. In our estimation the very best Phlox grown today—it has no faults. Color clear cherry-red, suffused with salmon shades; deep red eye; fine, large truss. The color is so clear and clean that each individual floret stands out as distinct as a cameo.

ESCLAIREUR. Clear, rosy-red, with lighter large center; large florets and a magnificent bedder.

HENRY MURGER. Enormous pure white flowers, with very large, showy, deep, carmine eye or center; fine florets and trusses.

Each 15c, 6 for 80c, 12 for \$1.50; postpaid.



PHLOX



ACHILLEA. (The Pearl.) The finest of all plants for cemetery use. The plants grow about 15 to 20 inches high and are completely covered with double pure white flowers from July until frost. One plant will produce hundreds and sometimes thousands of blossoms the first season. 15c each, 6 for 80c; postpaid.

ANEMONES (Wind Flower.) They resemble in shape huge Marguerite Daisies.

Lady Ardilan. Pure snow-white waxy texture.

Queen Charlotte. Delicate lavender. 15c each, 6 for 80c; postpaid.

AQUILEGIA. (Columbine.) The Columbine is an old favorite, late spring and early summer blooming plant, growing about 2 feet high, succeeding in any ordinary garden soil. 12c each, 3 for 30c; postpaid.

BLEEDING HEART. (Dielytra Spectabilis.) One of the most beautiful of hardy border plants. Flowers in the early spring with rose colored, heart-shaped flowers hanging from the under side of branches their entire length. Perfectly hardy and easily cultivated; grows about 2 feet high. 20c each, 3 for 50c; postpaid.

COREOPSIS. (Lanceolata.) Giant flowering golden-yellow daisy-like flowers borne in the greatest profusion; invaluable for cuttings. 12c each, 3 for 30c; postpaid.

CHRYSANTHEMUMS. Very popular for outdoor bedding purposes. They are quite hardy and with but a slight covering of leaves or coarse stable litter during the winter will take care of themselves after once planted, and produce an abundant profusion of bloom.

Climax. Deep rosy-pink.

Goldfinch. Magnificent; gold, shaded crimson.

Gold Fleece. Large, bright, lemon yellow.

Kadar. Clear, bright red.

Prince of Wales. Magnificent; pure white.

15c each, 6 for 80c, 12 for \$1.50; postpaid.

DELPHINIUM FORMOSUM. (Larkspur.) No flower has such a lovely celestial blue color as this exquisite Larkspur. 15c each, 6 for 80c; postpaid.

DAISY, GIANT SHASTA. A hardy perennial blooming for several months, and more abundantly each season. The flowers are extremely large and graceful, center is yellow, and the petals are pure white. The cut flowers place in water will keep for a week. 15c each, 6 for 80c; postpaid.

FEVERFEW. (Pyrethrum.) These are among the most charming of our hardy plants. Of the easiest culture. Flowers are aster-like in form. Of the most beautiful coloring. Blooming throughout the summer. 15c each, 6 for 80c; postpaid.

HOLLYHOCK. For planting in masses by itself or a background for lower growing plants, the hollyhock plant cannot be dispensed with, an old-fashioned plant coming into general use again. We offer double varieties. White, Yellow, Red and Pink. 15c each, 6 for 80c; postpaid.

HIBISCUS. (Crimson Eye.) Tall, free flowering, hardy plants with remarkable large and showy flowers. Thrives in most loamy soils, producing throughout a long period numerous mammoth flowers, sometimes 6 to 8 inches across. Plants grow 3 to 5 feet tall. 15c each, 6 for 80c; postpaid.

MINT. Old-fashioned mint. 10c each, 3 for 25c; postpaid.

RIBBON GRASS. Deep green foliage, broadly striped lengthwise of the leaf. Pure white, very handsome. 15c each, 6 for 80c; postpaid.

RUDBECKIA. (Golden Glow.) A hardy perennial plant, growing 8 feet high, branching freely and bearing on large graceful stems hundreds of exquisite double blossoms of the brightest golden color, and as large as Cactus Dahlias. 10c each, 3 for 25c; postpaid.



FOX GLOVE OR DIGITALIS

DIGITALIS. (Fox Glove.) An old-fashioned plant that furnishes a grand display of thimble-shaped flowers in immense spikes during July and August. 15c each, 6 for 80c; postpaid.



BLEEDING HEART

FREE

With a \$2.00 order of Flower Seed, Plants or Bulbs, a 25c book telling all about Flower and Bulb Culture. See page 53.

PEONIES

Perfectly hardy, large, bush-like plants with great flowers rivaling the rose in color and perfection of bloom; pleasantly fragrant. In bloom for Decoration Day.

ANDRE LAURIES. Light red, prolific and beautiful. 25c each; postpaid.

LA SUBLIME. A very very striking flower of a deep rich crimson color. A sure bloomer. 35c each; postpaid.

L'ESPERENCE. Very early, a great favorite, rosy pink, free flowering. 25c each; postpaid.

QUEEN VICTORIA. Early, choice standard white. 25c each; postpaid.

GRANDIFLORA ROSEA. Very fine, fragrant rose pink.

One of the hardiest and independent to late hard frosts. 30c each; postpaid.

HUMEI. Immense late cinnamon scented flower of varnished pink. 25c each; postpaid.



Summer Flowering Bulbs

Plant in deep, rich soil, when the ground becomes warm. For earliest flowering the tender bulbs may be started in the house. For succession of bloom, plant up to June 1st. After fall frost, lift the bulbs, let them dry, and then, removing the tops, store in a cool, dry place, away from frost, for planting in the spring.

CANNA



CANNA

The most popular decorative plant of the day. The earth should be spaded deeply and well enriched. After planting water sparingly until the plants have taken root and show good leaf growth. When in full foliage they may be watered very freely.

Price for dormant roots, 10c each; \$1.00 per dozen. Started plants ready about May 10th. 15c each, 3 for 40c, \$1.50 per dozen; postpaid.

ALLEMANIA. Scarlet orange bordered with yellow; 6 feet.

ALPHONSE BOUVIERE. Richest red; showy variety. 5 feet.

BEAUTE POINTEVINE. A rich glowing crimson. 2½ feet.

BURBANK. Immense flowers of a rich yellow. 3½ ft.

EGENDALE. Bronze foliage, flowers deep red. 4½ ft.

ELIZABETH HOSS. Large yellow spotted with red. 5 feet.

FLORENCE VAUGHAN. Pure yellow dotted with red. 5 feet.

FREDERIC BENARY. Currant with orange throat and yellow edge. 5 feet.

KING HUMBERT. Giant flowered; orange scarlet; bronze leaf. 4 feet.

MADAME CROZY. Crimson scarlet with yellow border. 3½ feet.

MADAME PAUL CAZENEUVE. Rosy pink flowers with dark foliage. 4 feet.

QUEEN CHARLOTTE. Rich crimson with band of bright yellow. 4 feet.

DAHLIAS

Large, symmetrical double flowers, having broad velvet petals, incurving at the center. Bloom from August to freezing weather.

CACTUS VARIETIES

HARBOR LIGHT. A handsome variety, with large fine form; petals long and narrow, dark red with shading of apricot in the center.

SPOTLESS QUEEN. Purest white, an excellent variety for cutting purposes.

STANDARD BEARER. Rich fiery scarlet, one of the very best.

GAZELIE. Rich purple flowers, medium in size, petals long and pointed. 4 feet.

NEDRA. A soft, mauve pink; a unique color in the Dahlia family and one hard to describe.

DECORATIVE

AMERGERONE. A very large flower, deep plum purple.

EUGENT TEELE. A very fine deep scarlet, produced on long stems, valuable for cutting.

GRAND MOGUL. Scarlet tipped and streaked pure white.

SHOW (See cut)

PURPLE GEM. Rich royal purple, clear and constant. This variety is a decided improvement over the old varieties. A first-class flower.

A. D. LIVONI. Rich pink, finely formed; a very handsome flower.

QUEEN OF YELLOW. Fine, clear yellow. An early and very prolific bloomer.

GLORI DE LYON. Pure white. The largest white Dahlia in cultivation, round as a ball.

SNOW. A beautiful pure white, long stem. Excellent for cutting.

IGNACIO. A remarkably healthy, strong-growing plant, with long stems and large full flowers. A deep, clear red.

ANNIE MOORE. A fine variegated flower of medium size. Color a beautiful combination of cherry, pink and white.

LUCY FAWCETT. Sulphur yellow streaked and flecked with crimson, fine.

Price of all Dahlias 20c each, \$2.00 per doz.; postpaid.

A collection of twenty named varieties, all labeled, for \$3.00; postpaid.



DAHLIA

GLADIOLIUS

This is one of the best of the summer-flowering bulbs. It is a flower anyone can grow and is lovely enough to satisfy the most exacting. The flowering season may be continued by planting from middle of April to the first of June. There is no limit to the range of color. Nothing is finer for vases; the flowers will last for days and the buds open after being cut. Set the bulbs 6 inches apart, and 2 to 4 inches deep. For fall treatment, see under "Summer Flowering Bulbs," page 64.

BRENCHLEYENSIS. Intense scarlet; fine. 3c each; 25c dozen.

AUGUSTA. Lovely, pure white, blue anthers. 5c each; 50c dozen.

"1900." Brilliant red, white blotch. 4c each; 35c dozen.

YELLOW SHADES. 5c each; 50c dozen.

MADAME MONNERET. A beautiful pink. 3c each; 25c dozen.

MAY. White, flanked crimson, superb spike. 3c each; 25c dozen.

GROFF'S HYBRIDS. The size and beautiful shadings of this strain give the greatest possible range of varieties. 5c each, 6 for 25c; 40c dozen; postpaid.

CHILDSI, FINE MIXED. All colors and varieties. Every one a beauty. 5c each; 40c dozen; postpaid.

GOOD MIXED. Especially recommended to make a good brilliant show in the garden for a small outlay. All bloomers. 3c each, 4 for 10c, 25c dozen; postpaid. 50 for 75c, 100 for \$1.00, by express at buyer's expense.



Gladiolus.

HARDY LILIES

Lilies thrive best in a dry, rich soil, where water will not stand in the winter. After planting they require very little care, and should not be disturbed for years, as established plants bloom more freely than if taken up annually. In this list we offer only such varieties as are hardy enough to stand the winter out of doors. It is well, however, to protect them with a covering of litter or straw.

LILY OF THE VALLEY. Bearing slender stems set with tiny white bells, delightfully fragrant; do well in shady situations. Flower each season without any attention. 6c each, 3 for 15c, 40c per dozen; postpaid.

AURATUM. (Gold-banded.) Immense white flowers, thickly spotted with crimson, each petal having a distinct yellow stripe; very fragrant. Blooms in July. 15c each, 3 for 40c; postpaid.



LILY OF THE VALLEY

ELEGANS. Perfectly hardy and will succeed in almost any situation. Flowers large and showy; bright red, flushed orange. 1½ feet. Blooms in June and July. 12c each, \$1.25 per dozen; postpaid.

FUNKIA ALBA. (White Day Lily.) A handsome, showy plant with beautiful broad ovate leaves. The large, lily-like, pure white, fragrant flowers are borne in large trusses during August. 20c each, 3 for 50c; postpaid.

HEMEROCALLIS FLAVA. (Lemon Lily.) Flower large, pure yellow; quite fragrant. Grows 2½ to 3 feet high. Blooms in July and August. 15c each, 3 for 40c; postpaid.

SPECIOSUM RUBRUM. White, beautifully spotted with red; petals reflexed like the Tiger Lily. Very fragrant; flowers in August. This is one of the most useful lilies, perfectly hardy and flowering well under all circumstances. 20c each, 3 for 50c; postpaid.

SPECIOSUM ALBUM. Same as the above, but pure white. 20c each, 3 for 50c; postpaid.

SUPERBUM. Flowers bright orange red, thickly spotted with purple. Remarkable for immense height (often 8 feet) and profusion of bloom; a strong plant, bearing from 20 to 30 flowers. Blooms in July. 12c each, \$1.25 per dozen; postpaid.

TIGRINUM SPLENDENS. The well-known "Tiger Lily," grows from 7 to 9 feet high and bears an immense number of bright orange flowers spotted with black. Blooms in August. 10c each, \$1.00 per dozen; postpaid.

WALLACEI. Flower rich, clear buff, spotted black, late bloomer. 10c each, \$1.00 per dozen; postpaid.



FUNKIA

UMBELLATUM. A splendid hardy Lily, and should be found in every garden. Colors range from deepest red to yellow. Blooms in June. 15c each, \$1.50 per dozen; postpaid.

OTHER SUMMER FLOWERING BULBS



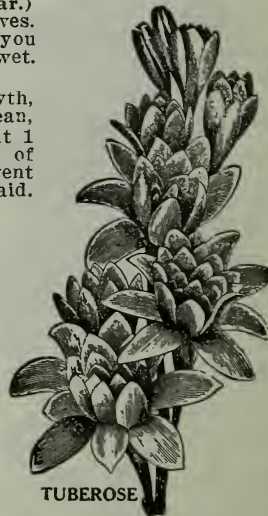
CALADIUM ESCULENTUM. (Elephant's Ear.) Fine tropical plant bearing immense leaves. Start as directed for cannas, when growing you cannot make the soil too rich or keep it too wet. 15c each, 2 for 25c; postpaid.

CINNAMON VINE. A vine of very rapid growth, quickly covering trellis with a handsome, clean, glossy green foliage. Plant the bulbs about 1 inch deep in rich soil. With the approach of winter cover with straw and leaves to prevent freezing. 3 bulbs for 15c, 6 for 25c; postpaid.

MADEIRA VINE. A rapid climber, twining to great height. Thick, glossy leaves and feathery, very fragrant white flowers. It grows anywhere, but does better in a warm, sunny location. It is also very pretty for training in the house. Strong tubers, 5c each, 3 for 10c, 30c per dozen; postpaid.

OXALIS. Summer-blooming. A very pretty plant for edging flower beds. Bears an abundance of pink and white flowers and delicate foliage. 15c per dozen; postpaid.

TUBEROSE. A beautiful, white, wax-like, very sweet-scented, double flower, growing on tall stems. 5c each, 40c per dozen; postpaid.



TUBEROSE

FALL BULBS

In September of each year, we import from Holland, a large shipment of Fall Bulbs. These should be planted any time from the middle of September until the ground freezes. This list includes Tulips, Hyacinths, Narcissus, Crocus, Jonquils, Scillas, Chionodoxas, for outdoor planting. Roman Hyacinths, Freesias, Chinese Sacred Lilies, Easter Lilies, Callas and Oxalis, for planting in the house.

We issue our Fall catalog about the middle of August. If you do not receive a copy by the first of September, let us know.

BEDDING AND HOUSE PLANTS

CAN BE SUPPLIED UP TO ABOUT JUNE 1ST
The sizes of plants furnished by us are, in all instances, as large as can be advantageously forwarded by mail, and are strong, thrifty, well established stock.

ACHYRANTHUS

LINDENNI. Long lance-shaped leaves of a deep blood red. 10c each, 3 for 25c, postpaid.

ALTERNANTHERA

—Fine, dwarf-growing foliage plants for bordering flower beds or carpet bedding or planting on graves, unexcelled. 10c each, 3 for 25c; postpaid.

CARNATION

ELDORADO. The finest yellow.

ENCHANTRESS. Large, shell pink.

G. H. CRANE. A fine large scarlet, strong grower.

HARLOWARDEN. Large, free blooming, crimson.

MRS. THOMAS W. LAWSON. Large, deep pink.

LADY BOUNTIFUL. Large, pure white, very free.
12c each, 3 for 30c; postpaid.

COLEUS

BRILLIANT. Rich dark red with yellow border.

BUTTERFLY. Mottled red, green and yellow.

GOLDEN BEDDER. Rich golden yellow.

SPOTTED GEM. Green, spotted with red.

TRAILING. For boxes and baskets.

VERSCHAFFELTII. Rich red; fine bedder.
12c each, 4 for 40c; postpaid.

FERNS

ASPARAGUS PLUMOSUS. The fine-leaved variety used so much in cut flower work. 12c each, 3 for 30c; postpaid.

ASPARAGUS SPRINGERI. Drooping variety, very nice for hanging baskets. 12c each, 3 for 30c; postpaid.

BOSTON. The well known variety so often seen. 12c each, 3 for 30c; postpaid.

HARDY FERNS. Live outdoors all winter. 20c each, \$2.00 per dozen; postpaid.

MISCELLANEOUS BEDDING PLANTS

Asters. One of the most popular of all the garden flowers for late summer and fall display. 50c per dozen; postpaid.

ORIENTAL POPPIES. Large, gorgeous, scarlet blossoms; bottom of petals black; one of the showiest of hardy perennials, producing flowers six inches and over in diameter very early. 10c each, \$1.00 per dozen; postpaid.



PANSIES. (Griswold's Mammoth Special.) Flowers are very large. The colors are rich red, chocolate and purple shades, mottled and spotted. 50c per dozen; postpaid.

PETUNIAS. Petunias are very popular for their rich coloring, continuation of bloom, pleasing fragrance and easy culture. 50c per dozen;

SALVIA. Among the most brilliantly colored of postpaid.

garden flowers and extremely useful for bedding. Blooms are borne in long spikes, fiery-red and continues in bloom until severe frosts. 50c per dozen; postpaid.

VERBENAS. For beds or massing the verberna is unrivalled, flowers the most brilliant colors. 50c per dozen; postpaid.

ZINNIA. Flowers all summer, making the most brilliant display possible, excellent for border or summer hedge. 50c per dozen; postpaid.

GERANIUMS

BEAUTE POINTEVINE. Bright, double, salmon pink.

BERTHA DE PRESILY. Beautiful silvery-rose.

CONTRAST. Double, dark red, free bloomer, dwarf.

GENERAL GRANT. Double scarlet, vigorous grower, free bloomer.

JEAN VIAUD. Bright, rosy-pink, white blotch in center.

LA FAVORITE. Double, pure white, the best white.

MRS. E. G. HILL. Single, large, salmon-pink.

S. A. NUTT. Double, dark crimson, free bloomer.

SUPERB. A beautiful, immense, double scarlet. Strong grower and free bloomer.

IVY GERANIUMS

Double Scarlet, Single Pink, Double Pink and White.

ROSE GERANIUMS

ROSE MONSTROSA. The well-known scented rose-geranium.

SKELETON. Finely serrated leaf, scented.

BORDER GERANIUMS

MLLE. SALIEROI. A dwarf, compact growing geranium, with small white and green leaves; fine for bordering.

Price of all geraniums 12c each, \$1.20 per dozen; postpaid.





BEAUTIFUL LAWNS

A rich velvety lawn with a background of Beautiful Ornamental Shrubs enhances the value of a home and gives to it the natural artistic setting that we so much admire. We can furnish all Ornamental Shrubs, Vines and other plants to make your home as beautiful as the above. See pages 54 to 57.

To Make a Good Lawn.—Nothing is more easily made and kept in order by a little well-directed care. To get grass seed up quickly and evenly the surface must be mellow and level, with at least six inches of good black soil. Sow one

pound of **Griswold Special Lawn Mixture** to every 400 square feet, rake the seed in and roll well, or use a wide board until soil is uniformly firm. If the soil is clayey, cover the surface with a light coating of our **Lawn Fertilizer**. To keep the lawn beautiful, it must be frequently mowed. In hot, dry weather it is better to mow the lawn and not remove the clippings, as these will gradually form a thin mulch which will hold moisture, and protect the roots from the hot sun. Never water a lawn when the soil and grass are hot. The best time for watering is in the early morning before sunrise.

Lawn Seed

SPECIAL LAWN GRASS MIXTURE.—A mixture adapted to our hot, dry climate. It is composed of Blue Grass, White Clover, and several other best lawn grasses. Some of these come early, some grow best during the summer, some grow well in the shade, while others make their growth in the fall. In this way one has green grass the whole season. This mixture will make a rich, deep green, velvety lawn, with a close, thick turf, in a few weeks' time, and one that will last much better than if sodded.

One pound covers 400 square feet (a space 20x20 feet) for new lawns, and half this amount for

re-seeding old ones. Per lb., 40c; 5 lbs., \$1.75. By mail, lb., 50c; 5 lbs., \$2.25.

FANCY KENTUCKY BLUE GRASS. Best grade of fancy, clean, new crop tested seeds. Per lb., 50c; 5 lbs., \$2.25; postpaid. By freight, 1 lb., 40c; 5 lbs., \$1.85; bu. (14 lbs.), \$5.00.

WHITE CLOVER. This is just the seed to sow on the bare spots in your yard or lawn where a very quick green covering is desired, as it will cover better in ten days' time than grass seed will cover in two months. 55c per lb., by mail. By express or freight, 45c per lb.; 10 lbs., \$4.00.

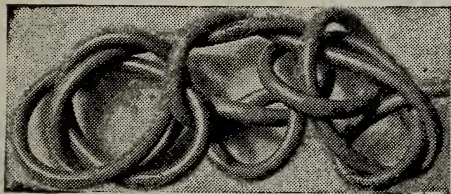
INSECTICIDES

INSECTICIDE FOR ROSES. If the leaves curl up, they are infected with aphids. Remedy: Sulpho-Tobacco Soap or Kerosene Emulsion. If the leaves turn white, it is mildew. Remedy: Powder with Grape Dust. If the leaves turn brown and are badly eaten, slugs are doing the mischief. Remedy: Dust with Slug Shot or spray with Paris Green solution, 1 oz. to 12 gals. water. If troubled with tiny hoppers use Sulpho-Tobacco Soap. See pages 70-71.

GRAPE DUST. Roses and other plants are affected by Mildew, which makes the leaves turn white and shrivel up. Grape Dust is the remedy which should be used to get rid of this disease. Sprinkle or dust it on the plants much as you do Slug Shot. Price, 5 lb. package, 45c.

BETTER LAWN HOSE

Everybody is getting disgusted with the cheap hose that has been sold by many houses. It was guaranteed just one year and lasted only that long. We sell a better grade. Note our two-year guarantee.



Revero Non-Kinkable Hose

LIGHT—STRONG—FLEXIBLE

An indestructible moulded hose for Lawn, Greenhouse, Stable, Garage. Of braided construction; cannot unwrap, kink or burst. Made in continuous lengths up to 500 feet, which gives you any length you want and avoids leaky couplings. Price $\frac{1}{2}$ inch size, per foot, 18c.

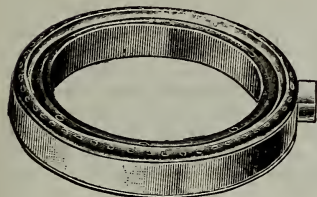
Two Year Guarantee Hose

This hose is stamped with our own name and we will refund if not satisfactory.

$\frac{1}{2}$ inch Griswold's Windsor, 50 feet for.....\$4.50
 $\frac{3}{4}$ inch Griswold's Windsor, 50 feet for..... 5.25
 $\frac{1}{2}$ inch Griswold's Greenwich, 50 feet for..... 5.25

The "Fountain" Lawn Sprinkler

One of the REALLY GOOD things



Made entirely of brass

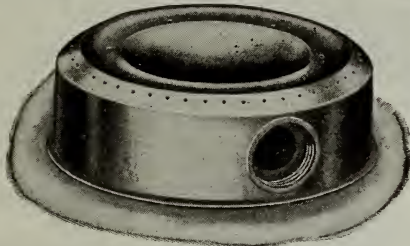
No moving parts

Nothing to get out of order

More beautiful than a fountain, more efficient than a shower. Price 65c.

THE "BABY" FOUNTAIN LAWN SPRINKLER

Made of brass, handsomely polished, makes a beautiful mist-like spray, sprinkles a square instead of a circle. Price 50 cents.



"SQUARE FOUNTAIN" SPRINKLER

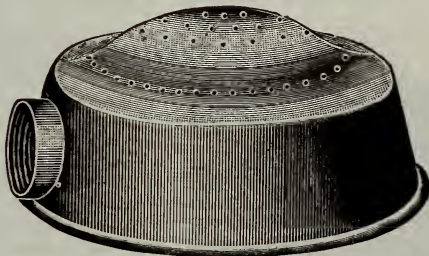
As gentle and even as the rain drops

With It

You will not soak your house when you sprinkle into the corners.

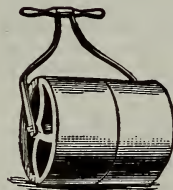
You will not wet passers by when you sprinkle along the walk.

It sprays in a square instead of a circle. Top made of brass, bottom heavy galvanized iron. Price 45c each.



LAWN ROLLER

15 inch, weight 150 lbs.
 Price \$7.50.



Regular Hose Nozzles, 35c each.



Fertilizer and Weed Killer

LAWN FERTILIZER. Composed mainly of fine, ground bone. It is clean and dry and furnishes just the desired element for young plants, and gives to the grass a permanent rich, green color, so much desired. It can be sown easily broadcast by hand. On new lawns it should be sown same time as the seed, and on old lawns any time in the early spring. It furnishes the same nourishment as manure, but has none of the weeds. One hundred pounds covers surface of 75x75 feet. 25 lbs., 85c; 50 lbs., \$1.50; 100 lbs., \$2.75.

WEED KILLER. This is a preparation to be used on driveways, walks, tennis courts or other place, that you wish to free from weeds. It will kill all kinds of weeds or grass, both top and roots. To be diluted with 50 parts of water.

Price, pint cans, 45c; $\frac{1}{2}$ gal. cans, 65c; gal. cans, \$1.00.

SWARD FOOD. For lawn use, cemetery purposes or public grounds; it is a splendid feeder for turf, and quick in the result. It is free from any unpleasant odor. Its action is quick and lasting. Apply early in the spring to start the grass; it will fairly make it jump for joy.

Sprinkled on the earth where ornamental or fruit trees have been dug around, is soon washed into the ground and taken up by the roots, giving beneficial and marked results to fruit and leaf. Vegetables and flowers may be treated with like results. It makes flowering vines of all sorts grow with great rapidity. 5 lbs. (enough for 400 square feet), 25c.

Insecticides and Spray Mixtures

ALL OF THESE GOODS BY FREIGHT OR EXPRESS AT YOUR EXPENSE

When to Spray

Just before buds open. When fruit is set. Two weeks later. When fruit begins to color.

Arsenate of Lead

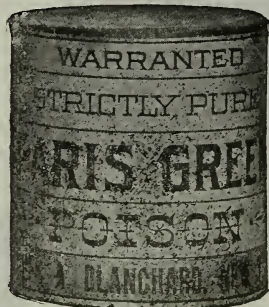
Lion Brand Arsenate of Lead is more sticky than any other insecticide, and is used where it is desirable that the poison should remain on the foliage. It positively will not burn. Use two pounds of Arsenate of Lead to 50 gallons of water. We sell only the best grade.

Price, 1 lb., 25c; 2 lbs., 45c. Write for prices in larger lots.

Lime-Sulphur Solution

This is the most perfect, uniform, safe and effective preparation and combination of lime and sulphur that can be made for destroying Scale. Use one gallon to make twelve gallons of liquid for strongest use or 24 gallons for summer spraying. For San Jose scale spray every part of the trunk and branches after leaves are off in the fall and the tree is dormant, using one part to ten of water. Then again in the spring before the leaf buds open. Better make two sprayings of it if you can, about two weeks apart. Price, qt., 40c; gal., 90c. Ask for price in larger lots.

Paris Green



The most effective and economical way to apply Paris Green for any purpose, is in water as a spray. It is the most active poison known for the destruction of chewing insects, and it should not be applied or left where stock of any kind can have access to it, or where it would be within reach of children.

For destroying the potato bug it should be applied in the proportion of one ounce of Paris Green to three gallons of water or 1 pound to 50 gallons of water. If applied dry, the proportion should be one part Paris Green to ten parts of either flour or plaster. Price, $\frac{1}{4}$ lb. box, 15c; $\frac{1}{2}$ lb. box, 25c; 1 lb. box, 45c; postpaid. By express, per lb., 30c; 5 lbs., \$1.30; 14 lbs., \$3.50; 100 lb. lots, 24c per lb.

Target Scale Destroyer

A remedy for San Jose Scale. This preparation contains a combination of mineral and vegetable oils easily mixed with water. When diluted with nineteen parts of water it represents a 5 per cent solution of mineral oil sufficiently strong to be fatal to insects and yet remain perfectly harmless to buds, bark and the growth of trees. It kills scales, larvae and all kinds of insects either by absorption of the oil or the formation of the fatal film which destroys by suffocation. It is used by a great many people in preference to lime and sulphur wash. It does not clog the pump and nozzle. Price, 1 qt. cans, 35c; $\frac{1}{2}$ gal. cans, 65c.



Bordeaux Mixture

In pulp, add 49 gal. of water to each gallon of Bordeaux Mixture and spray all tree. Potatoes will yield twice as much if sprayed with this mixture and Paris Green or Arsenate of Lead. Pt., 25c; qt., 40c; gal., \$1.00.

Quick Bordeaux

In making a Bordeaux Mixture some people prefer to have the lime and copper sulphate in a dry state. To supply this demand we are furnishing this Quick Bordeaux. The lime and copper sulphate are prepared in such a way that they are put in one sack with oiled paper between. To mix you simply hang the sack in a barrel of water and the two immediately dissolve, thus forming a mixture that is free from any lumps or cake. The whole thing can be made in from five to ten minutes. 10 lb. bag, 4-6-50 formula (enough for 50 gallons mixture), price, 90c each.

Tobacco Dust

One of the best remedies for green and black aphids, fleas, beetles, etc., also for insects in the ground. Lb., 10c; by mail, 25c; 5 lbs., 35c; 10 lbs., 50c; 100 lbs., \$4.00.

Kerosene Emulsion

This is a safe and sure remedy to kill all sucking insects, that is those which get their nourishment through a proboscis, which they insert into the leaves or bark. If applied to the roots of plants it will destroy the tender larvae. Price, qt., 55c gal., \$1.10.

Whale Oil Soap

It effectually destroys the mealy bug and almost all lice on indoor and outdoor plants. Simply make a suds and spray the plants with it. Price, lb., 20c; postpaid, 35c.

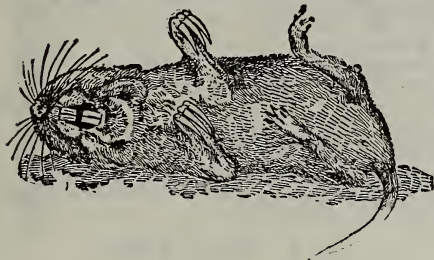
Slug Shot



Slug Shot is one of the cheapest and most popular insecticides. It is very easily applied. Does not need to be mixed with water, but just dusted lightly on the plants. It kills potato bugs, cabbage worms, melons, squash and cucumber bugs. Non-poisonous and harmless to all creatures except insect life. One pound can with perforated top, 15c; postpaid, 30c; By freight or express, 5 lb. package, 40c; 10 lb. package, 75c.

GOPHERGO

(Machine Poisoned Raisins)



It will exterminate gophers, squirrels, prairie dogs, rabbits, rats and mice, and is the only prepared poison that will get a gopher. The government advises poisoning as the most effective and best method of exterminating ground pests, but it must combine three points: an attractive bait, thoroughly poisoned, placed where they will get it. Gophergo does it. Try it, if it don't do the work we return your money. Price, ½ lb. cans 25c, large cans 50c; postpaid, ½lb cans 35c, large cans 75c.

SULPHO-TOBACCO SOAP. Is a powerful agent for the destruction of all bugs and insects. Of special value for spraying Roses, shrubs and vines. One or two applications will rid plants of the pests. Full directions with each cake. Kills the plant lice on cucumbers and muskmelons.

Destroys cabbage, squash and potato-bugs, currant-worms, lice, green-fly, mealy bug, red spider, etc. Sure death to all plant insects indoors and out of doors. Is also valuable as a wash for dogs and other animals.

3-oz. cake makes 1½ gallons prepared solution. 10c; postpaid, 13c.

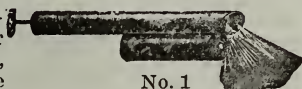
8-oz. cake makes 4 gallons prepared solution. 20c; postpaid, 28c.

10-lb. cake makes 80 gallons prepared solution. By express, your expense, \$3.00.

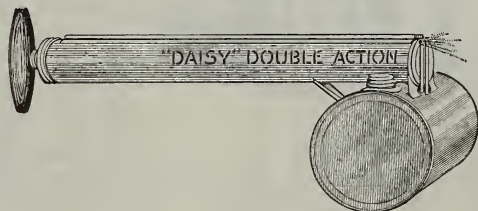


SPRAYERS

No. 1. We recommend this Sprayer for spraying stock, poultry and house plants. Holds 1 pint. Price, tin tank, 45c; postpaid, 70c.

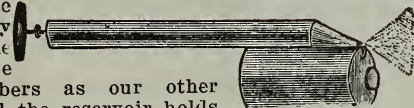


No. 1

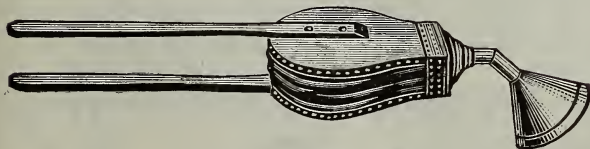


"DAISY" DOUBLE ACTION

No. 3. Made of heavy tin, has the same size air chambers as our other styles, and the reservoir holds about one quart, and throws a single spray straight ahead. Price, 50c; postpaid, 75c.

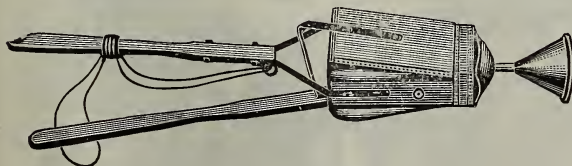


THE DOUBLE DAISY. Sprays both ways. Push the plunger in and it sprays. Pull the plunger out and it sprays. This sprayer is made on a new principle and sprays both coming and going. Made out of galvanized iron and holds 1 qt. Does anything that any other sprayer will and does it twice as fast. Price only \$1.00.



ACME POWDER GUN

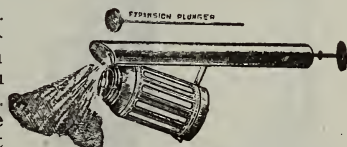
The bellows are made of fine russet leather, bellows sides of basswood, painted red and varnished. It will spray any powdered insecticide. It weighs 1½ pounds. Price, \$1.00.



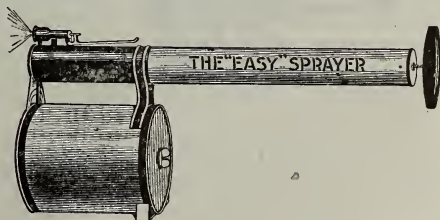
ACME DOUBLE POWDER GUN

Similar to the single but holds twice as much and works much faster. An easy, gentle movement of the bellows produces a light and continuous blast of poison. Made out of the best material. Price, \$1.50.

No. 20. Tank consists of a Mason fruit jar. Its shape causes it to give a 'churning motion when in use, thus keeping the ingredients thoroughly mixed. Price, 75c.



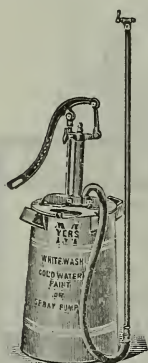
EXTENSION PLUNGER



THE "EASY" SPRAYER

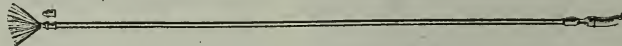
BRANT EASY SPRAYER. This sprayer holds one gallon of liquid, is equipped with automatic shut off lever nozzle, and made of heavy galvanized iron. Just as good as the larger sprayer only for size. Price \$1.90.

Sprayer and Paint Machine



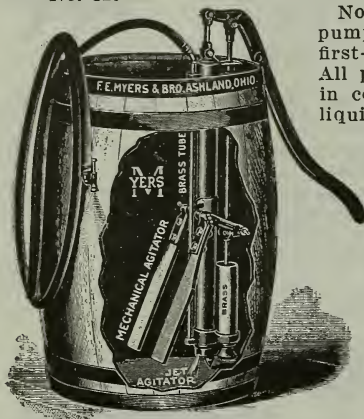
No. 329

No. 329. Sprays white wash, cold water, paints or any liquid. Galvanized tank holds 7 gallons. Pump is made of brass with brass ball valves and malleable handle. It has a patent double agitator and is a most complete and serviceable outfit. Price as cut \$7.00.



8-ft. Iron Extension Pipe 45c
8-ft. Bamboo Extension Pipe, with cut-off, \$3.00

Improved Barrel Spray Pump



No. 305

No. 305. This pump is made in a first-class manner. All parts that come in contact with the liquid are of heavy brass. It can be easily and solidly bolted to any barrel. The air being compressed into the air chamber with a 2-inch all brass cylinder makes the spray continuous. A mechanical agitator and small jet of liquid

from the pump keeps the ingredients thoroughly agitated. It sprays whitewash, kalsomine, water paints and any other liquid. Fitted with 15 feet of best 5-ply rubber hose, and graduated Vermorel nozzle complete as cut (except barrel). Price, \$8.80.

Little Giant

No. 27. A Brass Spray Pump. complete with agitator, hose, fine and coarse spray and solid stream nozzle, with malleable foot rest. Will throw a stream 50 feet. This is a first-class all around sprayer. 28 inches high, made of 1½ inch brass tubing. Price, \$2.50.



No. 27

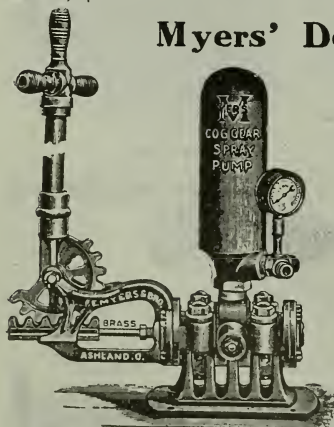
O. K. Spray Pump

No. 307. For hot, cold or any kind of mixture. Has mechanical agitator, solid brass ram plunger, ground bevel valve and seat. A strictly reliable first-class pump for spraying orchards or potatoes. Easily adjusted to barrel of any size. The handle is of wrought steel, so as to enable the operator to get up a pressure of 200 lbs. or more. It is fitted for 2 strings of discharge hose. Price without hose or nozzle, as cut (without barrel), \$13.65. Two 15-foot discharge hose and 2 graduated nozzles, \$6.35 extra.



No. 307 O.K.

Myers' Double Acting Cog Gear Spray Pump



COG GEAR SPRAY PUMP

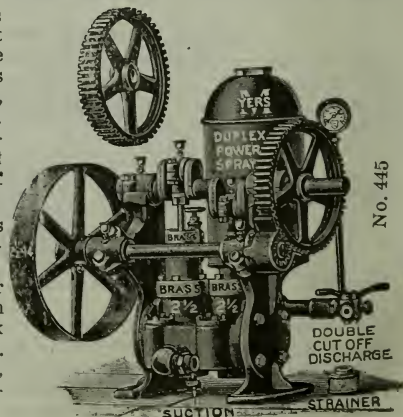
This is built especially for heavy spray work. The 2-inch cylinder is brass-lined. The plunger is brass, hemp-packed, and piston rod is brass. You can use any material, hot or cold. It is fitted with large air chamber, pressure gauge, 6-foot wire-bound suction hose, two 8-foot extension pipes, and two Vermorel or Bordeaux nozzles. Can be used on floor or barrel as the motion of handles is either perpendicular or horizontal. Price, \$20.00. 30 feet heavy hose for \$5.00 extra.

Myers' Duplex Back Geared Double Acting Spray Pump

No. 445. This pump has brass fittings throughout. It is built strong for heavy pressure work. The 2½ inch heavy brass plungers have a 3-inch stroke, as they work in the vertical, all-brass cylinders. All working parts that come in contact with the liquid are made of brass.

The air chamber is 8x16 inches and has a large capacity. This insures a steady pressure when used with large power nozzles. The gears are machine cut and back geared 5 to 1.

We can furnish this pump with gear wheel and pinion for engine crank at same price. It is regularly equipped with belt pulley. If wanted with gear wheel give size of crank shaft on engine. Price fitted with relief valve, pressure gauge, double cut-off discharge, 6 feet of wire-bound suction hose, two 8-foot pipe extensions, and two power nozzles. No discharge hose. Price, \$53.00.



No. 445

Aquaject

This pump will throw a stream about 60 feet. It can be adjusted to a very fine or coarse spray. The cylinder, piston rod and couplings are all of brass. A good whitewash sprayer. Used with bucket, \$5.00.



AQUAJECT

Myers' Knapsack Spray Pump

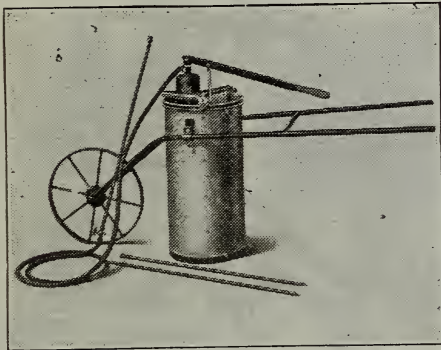
The tank holds 5 gallons. The pump has a large air chamber, ball valves, solid plunger and agitator. It is so arranged that no water can drip on the operator. The pump can be removed easily. The pump is also fitted with handle, so the operator can set the knapsack on the ground and work as a bucket pump. The handle lever can be shifted from right to left shoulder at will. Price, \$5.50.



KNAPSACK

Ideal Sprayer Outfit

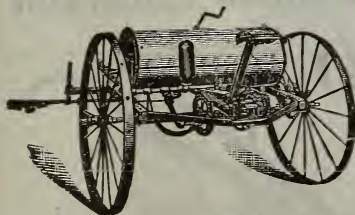
This is just the sprayer for small fruit, small orchard, and an ordinary size patch of potatoes. The tank is made of galvanized iron and holds



15 gallons. The extension pipe can be held and pump worked with one man.

The iron pump is equipped with a large air chamber which maintains the uniform pressure. It has a mechanical agitator and brass ball valves. It is complete with 10 ft. $\frac{3}{4}$ -in. pressure hose; 10 ft. of extension pipe in 3 pieces; and a Brandt Ideal Nozzle. Price, \$18.00.

One-Horse 4-Row Sprayer



No. 100. Tank made of best galvanized iron, holds 55 gallons. The wheels turn an air pump which furnishes the compressed air. Best automatic

horse sprayer we ever saw. Can be used for spraying orchards or potatoes. Send for large descriptive catalog and prices.

NOZZLES



Graduating Vermorel Nozzle

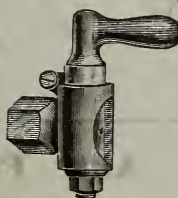
75c



40c



40c



Bordeaux

Price 75c

Kant-Klog Sprayer

DESCRIPTION.

The sprayer holds over 4 gallons. Top and bottom are dome shaped; joined to body under heavy pressure, making a complete double seam. When completed this body is tested under the double pressure formerly used, so enabling you to get a finer spray of greater length of time than with any sprayer we have ever made.

The air pump is made of heavy brass two inches in diameter. A safety valve is provided to allow

air to escape when necessary.

Special attention is called to the new "Kant-Klog," the only nozzle that can be successfully cleaned without stopping the spray or removing the nozzle from the tree. The first and only nozzle ever made which gives both flat and round sprays, or solid sprays.

A light pressure of the thumb starts the spray. Remove it and the spray stops instantly.

DIRECTIONS. A few seconds' working of the air pump thoroughly agitates the solution and charges the sprayer with compressed air.

After sprayer is charged, you need not stop for anything; just walk along from one row to another, the machine will supply sufficient spray to enable you to do the work as fast as you can walk. The great saving in time, labor and solution even on small sprayings, will more than pay for this spraying machine the first month it is used, to say nothing of the big increase in crops as a result of spraying properly. Price, galvanized steel and 3 feet brass, extension rod, \$5.00; polished brass and 3 feet brass extension rod, \$6.50.



A SPECIAL PIPE to fit Nos. 27, 329-305, 307, for Meyers Knapsack, for spraying under leaves of Musk Mellon or Cucumber vines, 50c each.

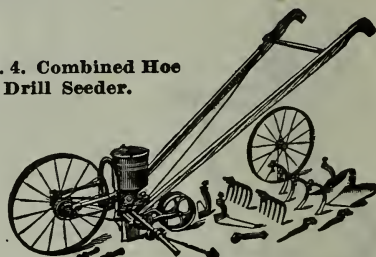
IRON AGE GARDEN IMPLEMENTS



Packed wt. 57 lbs.
Price, \$12.00

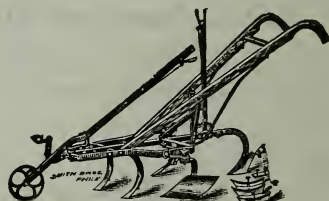
No. 6. Combined Double and Single Wheel Hoe, Hill and Drill Seeder.

No. 4. Combined Hoe and Drill Seeder.



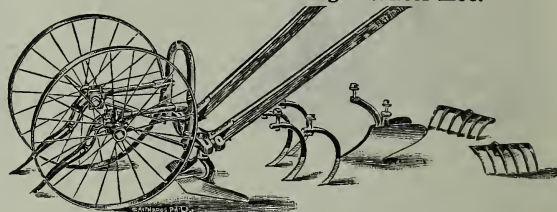
No. 4 same size and same tool as No. 6, but does not drop in hills.....\$11.00
No. 5. As a drill only..... 8.00

No. 6. Complete (like cut).....\$12.00
No. 7. As a Hill and Drill Seeder only..... 9.00



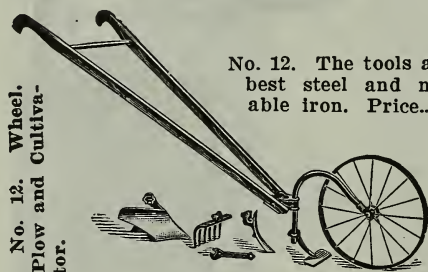
No. 6. Horse Hoe.
Complete (like cut).....\$6.25

No. 1. Double and Single Wheel Hoe.



Packed weight, 40 lbs.

No. 1. Complete (like cut), 10 tools.....\$7.00
No. 3. Side Hoes only, 2 tools..... 4.25
No. 13. Side Hoes and Teeth, 6 tools..... 5.50

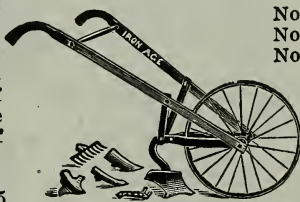


No. 12. Wheel Plow and Cultivator.

No. 12. The tools are of best steel and malleable iron. Price.....\$3.50

No. 19. Wheel Plow and Cultivator

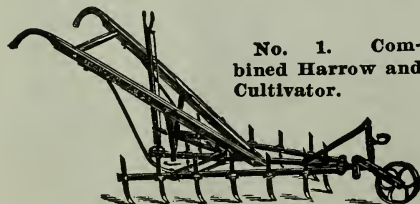
The wheel is made of steel, 24 inches high, and is very strong. The tire is 1 inch in width. The frame is made of steel throughout. The handles are made of best oak.
Price complete with 5 tools.....\$3.25



Dixie One-Horse Cultivator

\$3.90

Steel frame and teeth.



No. 1. Combined Harrow and Cultivator.

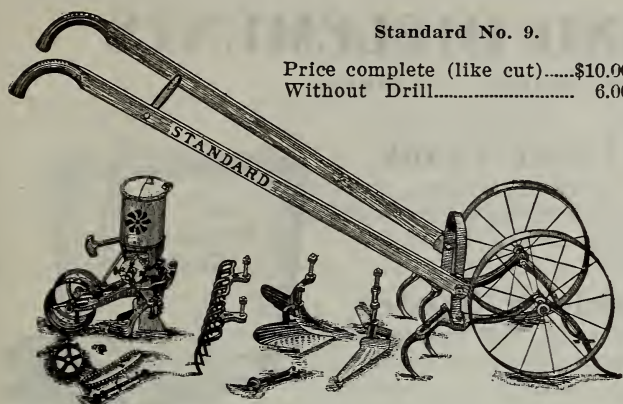
Price with lever expander, as in cut.....\$5.00



No. 1. Seven Tooth Cultivator.

Price, as in cut, \$3.20

ASK FOR 100 PAGE
IMPLEMENT CATALOG



Standard No. 9.

Price complete (like cut).....\$10.00
Without Drill..... 6.00



Monogram

14-inch steel wheel, steel tools.

Price \$1.75



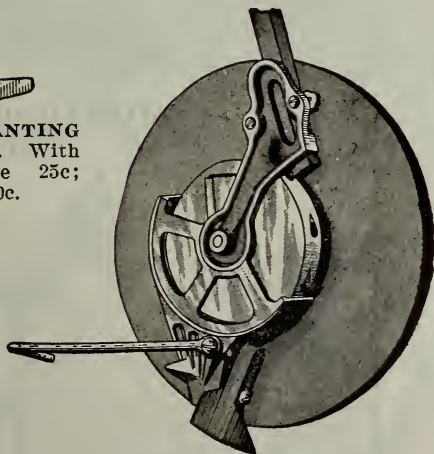
THE BARKER WEEDER AND MULCHER

It operates on the plan of a lawn mower. It is better than a hoe. It is ten times as fast. It is easy to operate. It forms a dust mulch. Cut your weeds in your garden once a week. With the revolving blades of the Barker the surface of the ground is chopped, the weeds are cut, separated from the soil and thereby destroyed.

It cuts the weeds under the ground as well as the weeds out of the ground. Price complete with three cultivator teeth and leaf guards, \$5.00.



TRANSPLANTING TROWELS. With steel blade 25c; postpaid 40c.



EUREKA SEED DRILL

It will sow and cover Beets, Cabbage, Carrots, Celery, Lettuce, Onions, Radishes, Spinach, Turnips, and all such seeds with the greatest regularity. Much better and faster than hand work. It is not a toy, but a strong, practical machine. Of course, when you have a larger garden you will want our Iron Age Drill, but for a few vegetables the Eureka is superb.

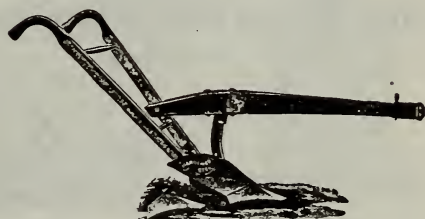
It is the only machine suited to sow in a hotbed. Sows the smallest packet of seeds as well as a large bulk. Price 80c; prepaid \$1.30.



SUPERIOR NO. 2.

In this plow the center of weight falls directly over the pivoting point, making it self-balancing. Height of wheel, 24 inches.

Price, with 5 steel tools as in cut\$2.50



This wood-beamed plow with Hardened Steel Mold Board, one 6-inch and 7-inch share; only.....\$4.00

LANG'S
HAND
WEEDER

HANDIEST
TOOL

ON EARTH.

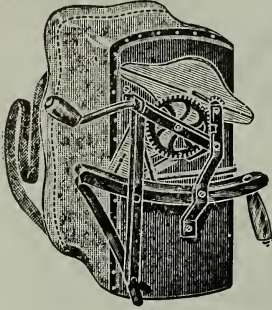
Weeder, 25c; postpaid 30c.



ASPARAGUS KNIVES.
Steel, 25c; postpaid 40.

SEEDERS AND IMPLEMENTS

ALL SENT BY FREIGHT OR EXPRESS

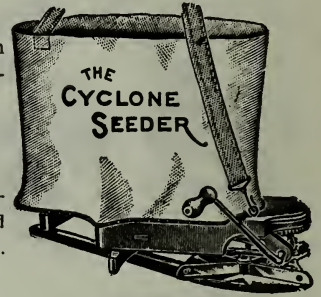


Little Giant Crank

Latest model. This is the best medium priced seeder sold. Will sow anything broadcast and do it right. Price, \$1.75.

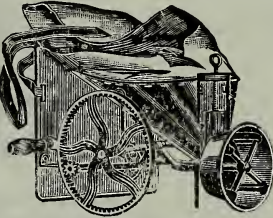
The Cyclone Seeder

Simple in construction and easy of operation; has automatic regulator and cut-off, and performs its work perfectly. It is practical. Price, \$1.65.

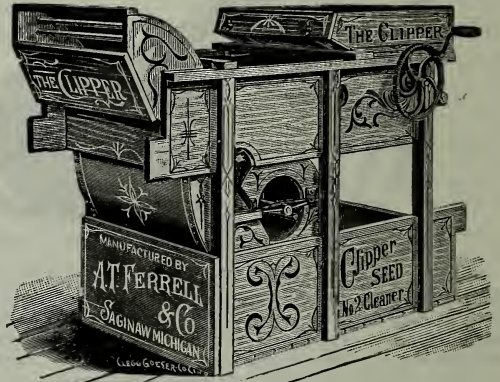


Cahoon Seeder

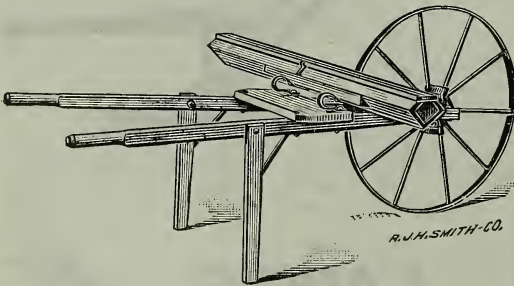
The best machine of the kind in the market. The grain is held in a tight sheet-iron hopper surrounded by a bag which will hold a bushel of seed. This is suspended by a strap from the operator's neck and held in position by a strap around the waist. The seed is thrown from eight to twenty feet on each side of the operator, the heaviest seed being, of course, thrown the greatest distance. Price, \$3.25.



Clipper Fanning Mill



New Metal Box Wheelbarrow Seeder



The 12-foot box rests on springs, has positive feed and is made of heavy galvanized iron. It will sow Alfalfa, Clover, Timothy, Millet, Red Top, Kentucky Blue Grass, Brome Grass, Wheat, Rye, Oats, Barley, or any other seed of similar size and nature in any quantity you may desire. Price, \$8.00.

Nickel Plated Milking Tubes

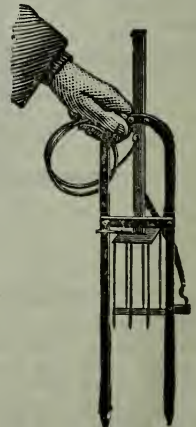


Use for sore and obstructed teats and hard milking cows. 2 inch, 2½ inch, 3 inch long. Price, 25c each, postpaid.

No. 1. This is the small size of the fanning mill and seed separator used by all seedmen. It will separate small seed from large, take out light seed, straw, and weeds all at one time. It is equipped with ten screens, will fan all kinds of grain and seed. Send for large catalog of fanning mills. Price, complete, \$21.00.

Union Co.,
Ill., Oct. 10.
'11.—I have been well pleased with the seeds you sent me this spring, especially so with the Beets and Watermelon, but all the rest were good. JAS. S. KERBY.

Little Giant Mole Trap



Most simple and best trap on the market. Fully guaranteed to give satisfaction. Price, 75c each.

POULTRY SUPPLIES

ALFALFA MEAL. Made from green, kiln-dried alfalfa hay and is 2 to 3 times more valuable than clover meal. Good for chickens or stock. 12 lbs., 25c; 50 lbs., 80c; 100 lbs., \$1.40.

ALFALMO MEAL. Same as alfalfa meal except that it is mixed with syrup, a decided addition. 12 lbs., 25c; 50 lbs., 80c; 100 lbs., \$1.40.

BLOOD MEAL. This is pure, rich, dried blood. Very fine for incubator chicks, as it prevents loss from breaking down or leg weakness. Good to start hens laying. Feed one part blood meal to fifteen parts of mash. 6 lbs., 25c; 50 lbs., \$2.00; 100 lbs., \$3.75.

BEEF SCRAPS. For laying hens may be mixed one part meat scraps to three parts crushed grain, bran or shorts. Wet with hot water, or skimmed milk preferred. Feed night and morning. 7 lbs., 25c; 50 lbs., \$1.75; 100 lbs., \$3.35.

CHARCOAL. This is a most excellent ingredient to mix with mash. 5c per lb., 6 lbs. for 25c.

CRUSHED SHELLS. If you expect your hens to lay eggs you must furnish them with something to make shell. 17 lbs., 25c; 50 lbs., 50c; Clam Shells, 75c per 100 lbs.; Oyster Shells, 85c per 100 lbs.

CRYSTAL GRIT. Not only your large fowls, but your small chickens must have grit. Most so-called chicken cholera is simply indigestion caused by lack of grit with which to grind the food. Large, medium and chick. 17 lbs., 25c; 50 lbs., 50c; 100 lbs., 85c.



GRISWOLD'S CHICK FOOD.

This consists of millet, wheat and other seeds, grit, bone, etc., in such proportions as shall supply the young growing chickens with all that is necessary to secure health, vigor and growth. It not only is a money maker but saves much time in feeding. 8 lbs., 25c; 50 lbs., \$1.35; 100 lbs., \$2.50.

SCRATCH FOOD.

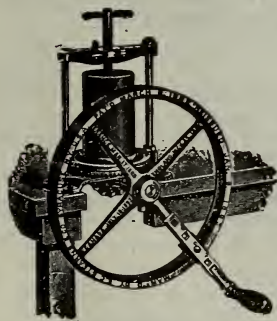
From 15 to 20 kinds of seeds and grains; specially good for grown fowls. Do not confuse this

with screenings. This has no waste whatever, no grit. 15 lbs., 25c; 50 lbs., 80c; 100 lbs., \$1.40.

POULTRY BONE should be kept before poultry of all classes, at all times, especially where egg production is desired. They will be the best judges as to the amount they want. Young chickens should be permitted to get it at their pleasure. Large, medium, chick and meal. 8 lbs., 25c; 50 lbs., \$1.35; 100 lbs., \$2.65.

TOBACCO DUST. Sprinkle it around the chicken house and nest. It keeps away the lice. Per lb., 10c; 5 lbs., 35c; 10 lbs., 50c; 100 lbs., \$4.00.

SULPHUR. 10c per lb., 3 lbs., 25c. Ask for prices in large lots.



STEARNS' BONE CUTTER

It has automatic feed; is self-cleaning; is the fastest fine cutting machine on the market; will stand more wear and tear; is least liable to get out of order; is the only Bone Cutter that will not clog with gristle or meat.

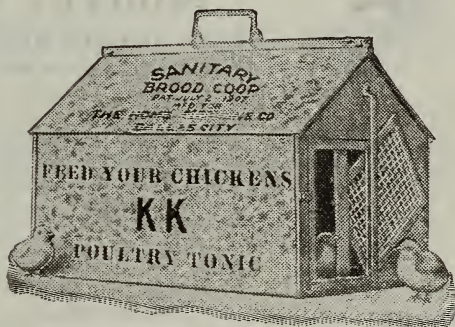
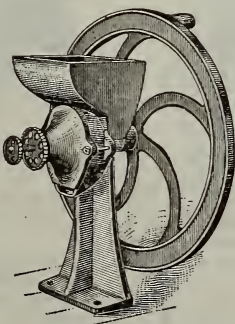
Price\$9.00

NO. 32 HAND GRINDING MILL

In this mill are embodied all the good features of other hand grinding mills to which have been added universal burrs or grinding plates that are adjustable for grinding coarse or fine. This machine grinds oats, barley, rye, corn, peas, dry bone, shells, etc., for feeding to poultry. It is a well designed machine, is strong and well made throughout and of excellent finish, has a 16-inch fly wheel and is light running.

The capacity of this mill is not equalled by any other of the same size. Shipping weight 40 lbs. Capacity, 1 to 2 bushels per hour. Price.....\$4.00

MODEL MILL. Capacity, ½ to 1 bushel. Similar, but not so good as above. Price.....\$2.50



SANITARY BROOD COOP

Made of galvanized iron, it is mite, rat, weasel, mink and skunk proof. It can be taken down or set up in 40 seconds. The bottom can be removed for cleaning without taking coop apart. It has three doors hung on one pivot; the first a slat door which lets the chicks out; the second, of one-half inch wire netting, for use on hot nights; the third door is of solid iron for cold and stormy weather. The coop is well ventilated but it is entirely rainproof. It is approximately 18x24 inches square and 16 inches high. It can be carried with one hand to any convenient location. Price each \$2.00. 6 for.....\$10.00

POULTRY NETTING

Heavy galvanized wire, 1 or 2 inch mesh. in 12, 18, 24, 30, 36, 48 inches high. Rolls 150 feet long. 1 inch mesh, 2c per square foot for small lots; 1½c per square foot in rolls; 1 inch mesh, small lots, 1c per square foot; in full rolls 2/3c per square foot.





**HENFRIEND
Water Fountain**

Made of very best galvanized iron, cheap, practical and durable, protected from dirt, yet easy to clean; will not drown the chicks; easy to fill and carry as a pail. Keeps the water cool in summer. Filled with hot water in the morning will not freeze during the day in cold weather. A child can fill it. 2½ gallon size 60c; 1 gallon size 45c; ½ gallon size, for little chickens, 30c.

A SCIENTIFIC TRIUMPH!

Lice Killer and Nest Eggs combined in one—effective, lasting, non-expensive.

Superior to others in form, size and appearance. They look exactly like natural eggs. Just the thing for laying hens. 5c each, 6 for 25c, 13 for 50c.



PORCELAIN NEST EGGS

Made of Flint Glass. 2 for 5c; 25c dozen.

LEADER ADJUSTABLE LEG BAND



Dozen 15c; 25 for 25c; 50 for 40c; 100 for 65c; postpaid.

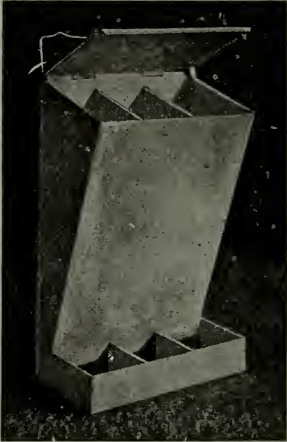


Poultry Markers, either kind, 25c each.

No. 1



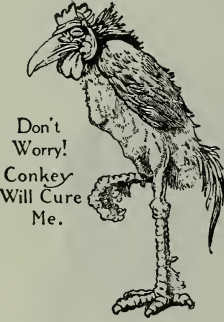
No. 2



Grit and Shell Box
Lge., 2 bins, 75c; Sm., 3 bins, 50c

**CONKEY'S
POULTRY REMEDIES**

EACH ARTICLE MUST SATISFY OR YOU RECEIVE YOUR MONEY BACK
Send 4c to pay Postage, and get Big 50c Remedy Book FREE!



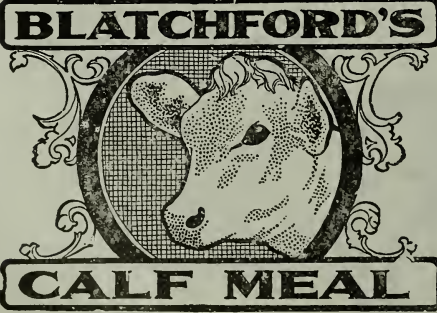
Don't Worry!
Conkey Will Cure Me.

		Postp'd
Roup Cure.....	\$0.50	\$0.55
Roup Cure.....	1.00	1.10
Bronchitis Remedy.....	.50	.59
White Diarrhoea Remedy.....	.50	.58
Cholera Remedy.....	.25	.29
Cholera Remedy.....	.50	.58
Poultry Tonic.....	.25	.34
Head Lice Ointment.....	.10	.13
Head Lice Ointment.....	.25	.31
Lice Powder (small).....	.25	.45

	Exp. Collect
Lice Liquid (1 qt.).....	\$0.35
Lice Liquid (½ gal.).....	.60
Lice Liquid (1 gal.).....	1.00
Laying Tonic.....	.25
Laying Tonic.....	.50
Fly Knocker (1 qt.).....	.35
Fly Knocker (½ gal.).....	.60
Fly Knocker (1 gal.).....	1.00

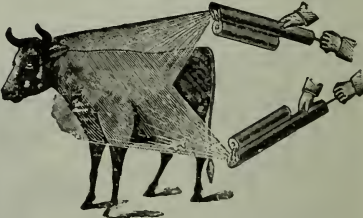
THE MILK SUBSTITUTE.

Blatchford's Calf Meal is for calves what Mellin's Food is for babies. Raises the finest calves at about half the cost of milk. Prevents scouring.
100 lb. bag (makes 100 gallons of rich, nutritious gruel), \$3.50; 50 lb. bag, \$2.00; 25 lb. bag, \$1.10. Try it and sell the milk.



CALF DEHORNER

This comes in the shape of a pencil, and is very easily applied. Clip off the hair around the little horn at the time it feels like a button and before it starts through the skin. Dampen it a little with water, and rub it with the Dehorner material. This causes the horn to stop growing, and should be applied when the calf is from 5 to 10 days old. (Enough for 25 or 30 calves.)
Price 50c, postpaid.



STANDARD FLY AND GERM KILLER

It is a liquid preparation designed for keeping flies from cows and horses, and is perfectly harmless. Most rapidly and economically applied with a sprayer. Put up in one gallon seal top cans, \$1.00. Sent only by express or freight at buyer's expense.

Special—One No. 1 Sprayer and one gallon Standard Fly Killer for \$1.25, by express, your expense.

Queen Incubators and Brooders

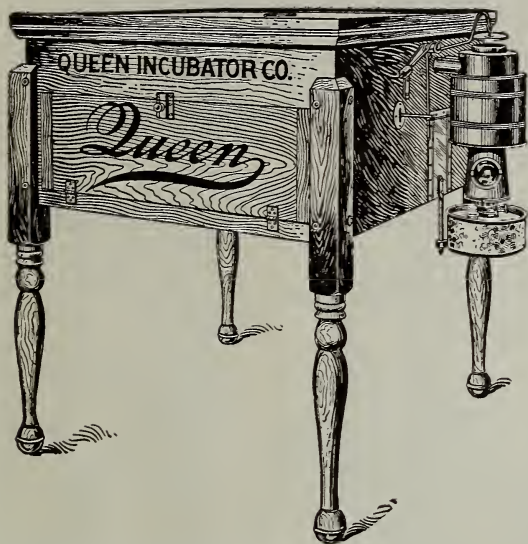
We take pleasure in announcing that we have renewed our contract for the general agency of Queen Incubators and Brooders.

Queen machines have made a record in the hands of our customers that warrants us in saying they are the best machines we ever handled. They are made right here in our city. We have investigated the construction and workings of QUEEN machines and the great record they have made

in the hands of poultry raisers in every part of the country. We are fully satisfied that in selling our customers QUEEN Incubators and Brooders they are getting the best machines on the market.

QUEENS are made in five sizes, 70-egg, 130-egg, and 180-egg sizes being square like the above, and each has one egg tray and one chick tray. The 240-egg and 360-egg sizes are oblong and each has two egg and two chick trays.

The Queen Incubator is constructed so that it will hold an even temperature throughout the hatch. The Queen hot water heating system has no equal. The regulator used exclusively on Queen Incubators is perfection itself—the result of tests and experiments with every imaginable kind of regulator. It was invented and patented by P. M. Wickstrum, president of the Queen Incubator Company, and you cannot get it on any other make of incubator. The QUEEN heater and tank are made of the very best quality of copper, put together with lock-seam joints and will not leak. The body is made of the very best grade of California Redwood finished in natural grain well oiled and varnished, which makes the QUEEN an attractive piece of furniture. You will find the QUEEN to be a superior hatcher. Being practically odorless, it can be operated in any room in the house. It combines all the points that makes it possible to hatch chickens in every deal of money. QUEENS are sold on trial and



month of the year, and does not cost you a great are guaranteed for 10 years.

70-egg size.....	\$ 9.10	240-egg size.....	\$16.80
130-egg size.....	11.20	360-egg size.....	21.00
180-egg size.....	14.00		

Write for special prices with freight paid to your depot.

QUEEN BROODERS

Made in two styles—Lamp-heated and Fireless—both for outdoor and indoor use. A size and style suitable to the needs of every poultry raiser.

All Queen Brooders are made out of extra good material, are substantially built and properly ventilated, and will furnish perfect brooding conditions when managed according to instructions, and will beat the hen raising chicks for profit.

QUEEN INDOOR LAMPLESS BROODERS

50-chick size.....	\$ 3.50	150-chick size.....	\$ 4.90
100-chick size.....	4.20	200-chick size.....	5.60

QUEEN OUTDOOR LAMPLESS BROODERS

100-chick size.....	\$ 8.40	200-chick size.....	\$11.20
150-chick size.....	9.80		

QUEEN INDOOR LAMP-HEATED BROODERS

50-chick size.....	\$ 5.00	150-chick size.....	\$ 7.00
100-chick size.....	6.30	200-chick size.....	7.70

QUEEN OUTDOOR LAMP-HEATED BROODERS

100-chick size.....	\$ 9.80	200-chick size.....	\$12.60
150-chick size.....	11.20		

All the above prices are F. O. B., Lincoln, Nebr.

Write for special prices with freight paid to your depot.

In both Queen Incubators and Brooders we offer high quality at low prices. Every machine is fully guaranteed.

It is not so much what the manufacturer says, or what we say about them, but it is what the users say that counts. Judged by this standard, Queen machines are worthy of the confidence of poultry raisers everywhere.

We do not have room in this catalog to illustrate and describe these perfect incubators and brooders, but we have the regular Queen Poultry Guide and Catalog that we want to send to each one of our customers who raise poultry. This book tells all about QUEEN MACHINES and POULTRY SUPPLIES and how to raise chickens successfully, and it will be mailed FREE to all who ask for it.

Address,

Griswold Seed Co., General Agents, Lincoln, Nebraska.

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**Postage Free on all Vegetable and Flower Seeds, and Bulbs
Except where Otherwise Noted.**

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SENDER—PLEASE FILL THIS OUT.

From

P. O.

State

**GRISWOLD SEED CO.,
LINCOLN,
NEBRASKA.**

THREE HARDY ROSE BUSHES FREE

Your Choice, Pink, Yellow, White—Bloom First Season—Bloom From MAY to FROST—Bushes Covered With Roses and Buds All Summer—Splendid for Pot Culture—Bloom Constantly in House all Winter

Three hardy rose bushes—All bear profuse quantities of clustered roses like cut.

These three splendid bushes **free** with each \$1.50 order for flower or garden seeds.

1 Rose Bush of this same kind free with each 50c order for flower or garden seeds. **Take your choice of the three colors.**

Make up your own flower or garden seed orders **now**. If you only need 50c worth of seeds then—get **two of your friends** to each select a 50c order from our catalogue—send these two orders with your own order, and will present to you **absolutely free** these three **fine hardy rose bushes**.

These roses **bloom constantly year after year**, and are a continual pleasure.

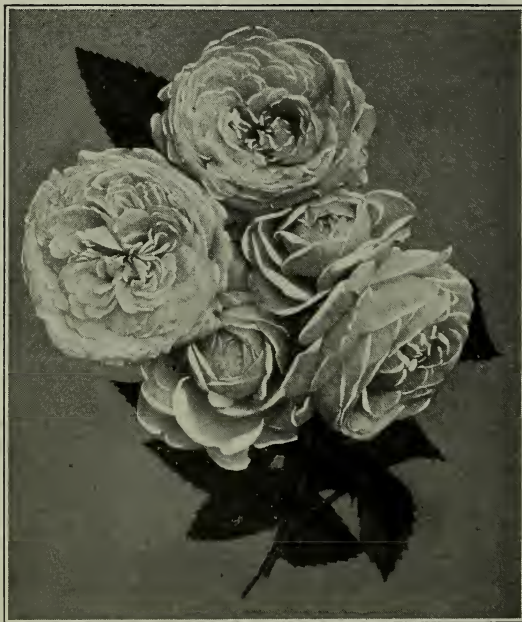
Visit two of your friends or neighbors—get them to send their flower and garden seed order with **yours**—and have these magnificent ornaments for your home, you to pay not one cent for them.

If you want Roses that will give you constant pleasure from the day they are planted, we would urge that you plant these famous varieties. They bloom the first and every year from early May until severe freezing weather. We have seen them unfold perfect flowers even after a severe snow storm. Of dwarf, stocky, uniform growth, they possess valuable qualities found in no other Roses. There are other Roses as good, but certainly none better. Be sure to try them.

Here is a Description of Each Rose

Mosella—(Yellow Soupert) Fully as free blooming as Clothilde Soupert, or Pink Soupert, and like them, a strong, dwarf, bushy grower. Flowers are very double and of the same Camellia-like form as Clothilde Soupert. Buds exceedingly dainty and attractive. The color is white on beautiful light yellow ground, which becomes a chrome yellow in the center of the flower. Hardy, without protection as far north as New York City, and if protected during the winter with a mulch of leaves or straw it can be grown almost anywhere that other roses succeed.

Pink Soupert—A lovely ever blooming rose, as beautiful as Clothilde Soupert, but deeper color: medium size flowers, perfectly full and double; blooms all the time; color, fine rose pink, but variable. The same bush frequently bears flowers of different colors at the same time; grows low and bushy and is quite hardy.



Clothilde Soupert—The best Rose known for bedding or pot culture. Color a French white, deepening to a rosy-blush in the center, exceeding in distinctness of shading the well known Malmaison. Its greatest value lies in its compact, vigorous habit and wonderful profusion of bloom, even the smallest plants being literally covered with flowers. The form and substance of the flowers are so perfect that the hottest weather does not cause deterioration of either, so that even in mid-summer a bouquet of splendid buds and open flowers can be obtained from this fine variety. Too much cannot be said in praise of this Rose for bedding purposes. It deservedly earned its title of the "Premier Bedding Rose." Valuable as it is for garden purposes, it is even more so for pot culture, and ranks first for blooming in the house. It is entirely exempt from the diseases usually affecting Roses in the house.

Select your order at once. The seeds will keep just as well at your home as in our store rooms, and rose bushes will be sent you about the last of March, or as soon as warm enough.

We *carefully select* excellent plants for each customer.

GRISWOLD SEED CO.

LINCOLN, NEBRASKA.

STANDARD FLOWER POTS AND SAUCERS

We pack these carefully, but will not be responsible for breakage in transit by express.

PLANT FOOD

Flowers are like people, their health depends upon their food. It must be nourishing, but not too rich to force growth and cause reaction. A chemically correct flower food for house plants is



Walker's Excelsior Brand

It has no odor whatever and can be used dry or dissolved in water for sprinkling. Use it and your flowers will flourish and their health will last. Small size

(feeds 25 plants 6 months) 30c; large size (enough for a year) 50c; postpaid.

LENOX IMPROVED SPRAYER FOR INDOOR PLANTS

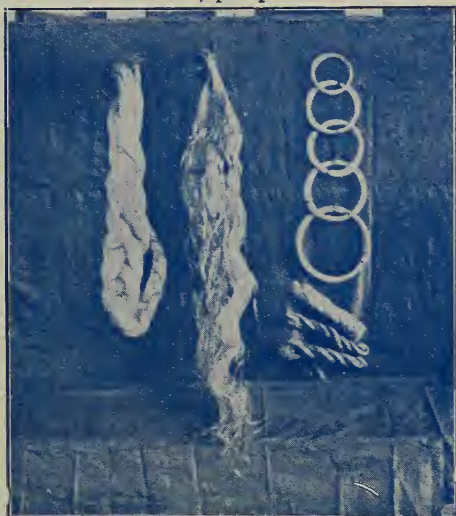
Just the Thing to Save the Plants
Anyone desiring to procure an excellent hand

Sent Complete for
50c Postpaid

plant sprayer to spray the leaves upon indoor plants, to keep the insects off and otherwise keep them healthful, should send the 50c and receive one by return mail. This sprayer will spray under and over the leaves. A cake of tobacco soap to make a spray solution will be included.



Bulb Trowel 50c, postpaid 60c.



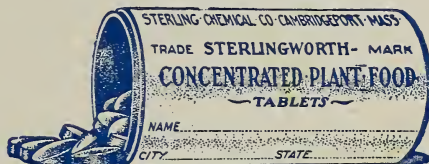
	Per Doz.	Per 100
2 inch pots, no saucers	\$0.20	\$1.00
3 inch pots, no saucers .....	.35	1.25
4 inch pots, with saucers .....	.50	3.00
5 inch pots, with saucers .....	.75	5.00
6 inch pots, with saucers	1.10	8.00



	Each	Doz.
7 inch pots, with saucers.....	\$0.15	\$1.50
8 inch pots, with saucers.....	.20	2.50

One-third off if saucers are not wanted.
Write for prices of larger sizes.

CONCENTRATED TABLETS



A New Scientific Concentrated Fertilizer for Potted Plants and Vegetables

Takes the place of liquid manure. Used by dissolving in water. It starts the plants at once into healthy and vigorous growth and makes them bloom luxuriantly. Trial size box, sufficient for 10 house plants for 3 months, 10c, postpaid. Regular size box, sufficient for 35 plants for 3 months, 25c, postpaid.

RUBBER SPRINKLER

With bent neck.....75c
Postpaid85c



Dibble 25c, postpaid 40c.



Dandelion Puller, 25c.



All steel, heavy shank, 50c, postpaid 60c,



Plain 6-inch trowel, 10c, postpaid 15c.

REEDS AND RAFFIA

Size	Ft.	By Mail	Ft.	Price by Mail
No. 1.....	30	\$0.05	180.....	\$0.25 \$0.29
No. 2.....	25	.05	150.....	.25 .30
No. 4.....	20	.05	120.....	.25 .31
No. 5.....	15	.05	90.....	.25 .33
No. 6.....	12	.05	72.....	.25 .35

Sample on application. Needles 6 for.....5c
Basket-making instructions, postpaid.....25c

Raffia

Colored, per skein (about 2 oz.) 10c; by mail.....13c
Colored, 3 skeins, 25c; by mail.....32c
Natural, per skein (about 3 oz.) 5c; by mail.....9c
Natural, per pound, 20c; by mail.....38c
Natural, 6 pounds, \$1.00, by express at your expense.

GRISWOLD'S NEBRASKA SEEDS



GRISWOLD SEED COMPANY
LINCOLN NEBRASKA